This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

Hosted by Google

Hosted by Google

Hosted by Google

Hosted by Google

RESULTS OF OBSERVATIONS

MADE AT

THE UNITED STATES NAVAL OBSERVATORY

WITH THE

TRANSIT INSTRUMENT AND MURAL CIRCLE

IN

THE YEARS 1853 TO 1860, INCLUSIVE.

BY

Professor M. YARNALL, U. S. N.
Professor JAMES MAJOR, U. S. N.
Professor T. J. ROBINSON, U. S. N.

PREPARED BY

PROFESSOR M. YARNALL, U. S. N.,

BY ORDER OF

REAR-ADMIRAL B. F. SANDS, U. S. N.,

SUPERINTENDENT U. S. NAVAL OBSERVATORY.

PUBLISHED BY AUTHORITY OF THE

HON. SECRETARY OF THE NAVY.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1872.

Hosted by Google

Hosted by Google

INTRODUCTION.

This appendix contains the results of observations made with the transit-instrument during a portion of the year 1858 and the years 1859 and 1860, and with the mural circle during the years 1853, 1854, 1855, 1856, 1857, and 1858.

The observations with the transit-instrument were made by the aid of a chronograph, in the manner described in the introductions to the Washington Observations for 1861 and subsequent years; but they are referred to the mean equinox of the British Nautical Almanac for 1860, to reduce which to the time-star list of the American Ephemeris of 1865, which has been used in the observations with this instrument since 1861, a correction of $+ 0^s.04$ is necessary. The published places are reduced to the year 1860.0.

The observations with the mural circle were likewise made in the manner described in the introductions to the Washington Observations for 1861 and subsequent years. Those of 1853 and 1854 are reduced to 1850.0, and those of 1855, 1856, 1857, and 1858 are reduced to 1860.0. The latitude used in the reductions was $38° 53' 39''.25$. The observed places of the stars, both in right ascension and declination, are corrected for proper motion. The corrections are those given by the Rev. R. Main, in vol. xix, Memoirs of the Royal Astronomical Society; for stars whose proper motions are not given there, those of the British Association Catalogue have been used, and for all other stars no proper motion is applied. These observations will be embodied in a general catalogue, soon to be published.

This appendix also contains the results of some observations of the sun, moon, and planets, made with the mural circle in the above-mentioned years, and hitherto unpublished.

Professor Yarnall made most of the observations, and all the reductions upon which the results given in this appendix depend.

Hosted by Google

Hosted by Google

MEAN RIGHT ASCENSIONS OF STARS FOR 1860.0.

WEST TRANSIT INSTRUMENT.

α Andromedæ.

1858.	h. m. s.	Mag.
Sept. 9	0 1 9.44	
Oct. 20	9.40	
22	9.35	
25	9.27	
Nov. 13	9.35	

Weisse XXIII, 1269.

Oct. 7	0 1 44.97	
14	44.95	

Weisse O, 4.

Sept. 18	0 1 57.83	
Oct. 7	57.85	7.0
14	57.84	

Weisse O, 13.

Oct. 18	0 2 21.03	
23	21.08	8.5

Weisse O, 28.

Nov. 6	0 2 53.17	

B. A. C. 18.

Oct. 9	0 3 14.71	

B. A. C. 25.

Nov. 18	0 4 53.35	

γ Pegasi.

Sept. 18	0 6 1.75	
Oct. 2	1.63	
20	1.78	
25	1.73	
26	1.70	
27	1.73	
Nov. 13	1.76	
Dec. 27	1.68	

Weisse O, 104.

Oct. 18	0 6 54.63	9.0

Weisse O, 112.

Oct. 23	0 7 30.93	9.0

B. A. C. 39.

Oct. 9	0 8 20.45	

Santini 10.

1858.	h. m. s.	Mag.
Nov. 6	0 8 27.00	7.5

B. A. C. 49.

Sept. 23	0 9 39.11	
28	38.95	

Weisse O, 189.

Oct. 14	0 11 39.81	8.0
Nov. 18	39.98	

Weisse O, 199.

Nov. 13	0 12 27.68	

Weisse O, 202.

Oct. 7	0 12 39.59	
18	39.51	9.0
23	39.34	

Weisse O, 210.

Oct. 26	0 12 53.38	7.5
Nov. 6	53.35	7.0

Weisse O, 212.

Dec. 27	0 12 58.51	

d Piscium.

Oct. 25	0 13 23.66	

Weisse O, 239.

Oct. 2	0 14 14.16	

Weisse O, 287.

Oct. 26	0 17 22.48	
Nov. 6	22.32	8.0

B. A. C. 83.

Sept. 9	0 17 33.12	
28	33.10	

45 Piscium.

Sept. 23	0 18 28.99	
Oct. 14	28.91	
Nov. 13	29.07	

B. A. C. 91.

1858.	h. m. s.	Mag.
Oct. 7	0 18 46.91	
9	46.84	

B. A. C. 92.

Nov. 18	0 19 0.33	
Dec. 27	0.80	

Weisse O, 312.

Oct. 18	0 19 4.96	
23	4.86	7.0

28 Andromedæ.

Oct. 2	0 22 44.42	

12 Ceti.

Sept. 9	0 22 53.64	
18	53.66	
Oct. 7	53.66	
18	53.65	
25	53.61	
Nov. 19	53.74	
Dec. 27	53.64	

Weisse O, 376.

Oct. 26	0 23 19.72	
Nov. 6	19.64	

51 Piscium.

Oct. 14	0 25 10.51	
19	10.40	

(*), +5° 8′.

Nov. 13	0 25 55.54	8.0

Weisse O, 436.

Oct. 23	0 26 14.39	9.0

B. A. C. 133.

Nov. 18	0 26 20.30	8.0

Weisse O, 443.

Oct. 26	0 26 42.84	8.0
Nov. 6	42.78	

Weisse O, 450.

1858.	h. m. s.	Mag.
Oct. 16	0 26 55.37	8.0

13 Ceti.

Sept. 23	0 28 2.56	

Weisse O, 476.

Oct. 18	0 28 16.13	8.5

14 Ceti.

Sept. 28	0 28 21.66	
Oct. 2	21.57	

B. A. C. 149.

Oct. 7	0 28 39.82	
Dec. 27	39.70	

B. A. C. 158.

Sept. 9	0 29 52.06	
Oct. 9	51.80	

Lalande 967.

Oct. 14	0 30 48.98	8.0
23	48.87	8.0

α Cassiopeæ.

Sept. 18	0 32 35.17	
Oct. 22	35.16	
25	34.76	
Nov. 19	34.93	

Weisse O, 560.

Oct. 18	0 33 17.11	8.0
Nov. 18	17.21	

B. A. C. 177.

Nov. 30	0 33 57.71	7.0

Weisse O, 595.

Oct. 7	0 34 49.68	9.0
19	49.60	

Weisse O, 601.

Oct. 14	0 35 0.22	8.5
23	34 59.99	8.5

Hosted by Google

Weisse O, 608.

1858.	h. m. s.	Mag.
Oct. 7	0 35 31.65	8.5
19	31.53	8.0
26	31.69	

β Ceti.

Sept. 9	0 36 33.52
18	33.54
23	33.51
28	33.62
Oct. 2	33.55
9	33.56
27	33.68
Dec. 17	33.70
27	33.64

Weisse O, 647.

Oct. 18	0 37 51.30	8.0

Weisse O, 680.

Oct. 14	0 39 38.45
16	38.26

Weisse O, 687.

Oct. 23	0 40 2.25
Nov. 30	2.16

Weisse O, 711.

Nov. 6	0 41 8.56	9.0

Weisse O, 712.

Nov. 18	0 41 10.46	8.0

δ Piscium.

Sept. 23	0 41 25.33
Oct. 20	25.22

B. A. C. 224.

Sept. 9	0 41 39.55
Dec. 27	39.44

(*), + 3° 20′.

Oct. 7	0 42 8.69	

Weisse O, 742.

Oct. 16	0 43 14.15

Weisse O, 775.

Oct. 7	0 44 43.01	8.0
26	43.06	8.5
Nov. 6	42.95	8.5

20 Ceti.

Oct. 23	0 45 51.15
Nov. 18	51.22

B. A. C. 243.

Oct. 7	0 46 7.00	7.0
14	7.06	

v^1 Cassiopeæ.

1858.	h. m. s.	Mag.
Sept. 9	0 46 43.19	
Nov. 30	42.70	

ε Piscium.

Sept. 23	0 55 40.85
Oct. 20	40.74
Dec. 16	40.83

Weisse O, 1013.

Oct. 23	0 58 6.79

Weisse O, 1043.

Nov. 6	0 59 20.74	7.0

Weisse O, 1078.

Oct. 16	1 1 8.29	9.0

e Piscium.

Oct. 7	1 1 9.56
18	9.63

(*), + 9° 1′.

Oct. 19	1 1 36.69	7.0

ζ^1 Piscium.

Sept. 23	1 6 25.25

θ Ceti.

Sept. 28	1 17 1.57
Oct. 2	1.59
7	1.55
9	1.50
14	1.50
16	1.43
18	1.53
19	1.52
23	1.56
26	1.60
Nov. 6	1.59
18	1.58
30	1.57
Dec. 9	1.59
16	1.56
27	1.54

η Piscium.

Sept. 9	1 23 59.78
Dec. 10	59.73
16	59.76

101 Piscium.

Dec. 16	1 28 17.44

Weisse I, 497.

Oct. 14	1 29 11.69	8.5

π Piscium.

Sept. 23	1 29 40.93
Nov. 18	40.75

Weisse I, 504.

1858.	h. m. s.	Mag.
Sept. 18	1 29 47.66	8.5
Oct. 7	47.58	9.0
23	47.44	9.0

Weisse I, 540.

Oct. 7	1 31 42.02	9.0

v Piscium.

Sept. 9	1 34 8.98
28	8.79
Oct. 2	8.76
14	8.93
23	8.81
25	8.89
26	8.80
Nov. 18	8.79
19	8.90
30	8.78
Dec. 10	8.80

B. A. C. 524.

Dec. 16	1 34 54.75

o Piscium.

Nov. 18	1 38 0.20

Lalande 3237.

Sept. 9	1 38 42.89	7.5

Weisse I, 713.

Oct. 14	1 39 55.90	
23	55.85	9.0

Weisse I, 725.

Dec. 18	1 40 26.50	8.0
27	26.58	

B. A. C. 547.

Oct. 25	1 40 35.24
Nov. 6	35.02

B. A. C. 549.

Nov. 30	1 40 35.49
Dec. 16	35.49

Weisse I, 775.

Oct. 7	1 43 44.07

Weisse I, 808.

Sept. 9	1 45 27.41
Dec. 27	27.38

γ^1 Arietis.

Nov. 19	1 45 51.11

β Arietis.

1858.	h. m. s.	Mag.
Sept. 18	1 46 54.68	
Nov. 6	54.64	
19	54.66	
Dec. 9	54.60	
16	54.62	
17	54.63	
18	54.69	

Weisse I, 855.

Oct. 7	1 48 9.54	8.0
23	9.46	8.5

Weisse I, 860.

Oct. 14	1 48 20.96	9.0

ι Arietis.

Nov. 18	1 49 42.37
19	42.39

58 Ceti.

Oct. 25	1 50 52.54
Nov. 6	52.56

B. A. C. 613.

Dec. 16	1 52 37.00

Weisse I, 942.

Oct. 23	1 53 10.80	7.5
Dec. 27	10.78	7.5

Weisse I, 943.

Oct. 14	1 53 17.59	8.5
Dec. 18	17.62	

Weisse I, 963.

Sept. 9	1 54 23.07	9.0
Oct. 7	23.05	9.0

B. A. C. 641.

Oct. 23	1 57 28.16	7.0
Nov. 6	28.22	

Weisse I, 1040.

Dec. 27	1 58 48.79	7.0

α Arietis.

Sept. 9	1 59 17.30
18	17.22
Nov. 18	17.19
19	17.21
Dec. 9	17.26
10	17.25
16	17.24
17	17.28
18	17.32

Weisse I, 1047.

Oct. 7	1 59 20.33	9.0

Hosted by Google

59 Andromedæ.

1858.	h. m. s.	Mag.
Oct. 25	2 2 23.94	
Nov. 30	23.72	

B. A. C. 662.

Oct. 25	2 2 24.80	
Nov. 30	24.66	

5 Trianguli.

Dec. 27	2 3 14.47	

O. Arg. N. 2462.

Oct. 14	2 3 37.40	8.0

64 Ceti.

Nov. 6	2 3 57.83	

(*), +3° 43′.

Oct. 7	2 4 42.16	9.0

ξ^1 Ceti.

Sept. 18	2 5 35.03	
Nov. 18	34.91	
Dec. 16	35.04	

B. A. C. 687.

Oct. 23	2 6 10.52	

(*), +49° 4′.

Sept. 9	2 6 39.74	8.0

B. A. C. 702.

Dec. 18	2 9 30.14	
27	29.83	

67 Ceti.

Sept. 18	2 10 0.16	
Oct. 14	0.13	
23	0.16	
25	0.02	
Nov. 6	0.04	
30	0.11	
Dec. 9	0.06	
10	0.13	
17	0.17	

θ Arietis.

Nov. 18	2 10 20.51	
19	20.59	

(*), +12° 58′.

Sept. 9	2 12 57.94	8.0

Weisse II, 209.

Oct. 23	2 13 52.94	

Weisse II, 235.

1858.	h. m. s.	Mag.
Oct. 7	2 15 30.76	
14	30.68	8.0

O. Arg. N. 2729.

Nov. 30	2 16 22.13	7.0
Dec. 9	22.24	7.5

B. A. C. 741.

Nov. 6	2 17 1.79	
Dec. 27	1.86	

ζ Arietis.

Oct. 25	2 17 18.93	
Nov. 18	18.94	

Lalande 4460.

Dec. 16	2 17 51.11	8.0
18	51.14	

Weisse II, 312.

Oct. 23	2 19 41.92	8.0

ξ^2 Ceti.

Oct. 7	2 20 43.08	
14	43.11	
22	43.11	
Nov. 19	43.14	
Dec. 17	43.06	
27	43.07	

B. A. C. 764.

Oct. 25	2 22 6.99	
Nov. 18	7.02	

B. A. C. 768.

Nov. 30	2 22 33.46	
Dec. 9	33.24	

Weisse II, 397.

Dec. 16	2 24 6.79	8.5
18	6.70	8.0

B. A. C. 776.

Dec. 16	2 24 15.73	
18	15.74	

Rumker 654.

Oct. 7	2 25 37.31	8.0
14	37.25	
Nov. 6	37.14	

B. A. C. 789.

Oct. 23	2 27 39.46	7.0
Dec. 27	39.41	

B. A. C. 800.

Oct. 7	2 29 10.30	7.0
Nov. 6	10.15	7.0

81 Ceti.

1858.	h. m. s.	Mag.
Oct. 25	2 30 38.73	
Nov. 18	38.72	
Dec. 16	38.73	

B. A. C. 809.

Nov. 30	2 31 9.93	
Dec. 9	9.55	

Weisse II, 556.

Oct. 14	2 32 56.92	
23	56.86	8.5

Weisse II, 569.

Dec. 18	2 33 35.65	9.0
27	35.60	9.0

μ Arietis.

Dec. 16	2 34 28.71	
17	28.65	

γ Ceti.

Oct. 7	2 36 2.94	
14	2.87	
22	2.94	
23	2.90	
Nov. 30	2.89	
Dec. 17	2.97	

38 Arietis.

Oct. 22	2 37 20.09	
Nov. 19	20.15	

B. A. C. 857.

Dec. 9	2 38 56.53	
18	56.71	

B. A. C. 858.

Dec. 9	2 39 12.63	
18	12.77	

40 Arietis.

Oct. 22	2 40 41.41	
23	41.38	

B. A. C. 866.

Oct. 7	2 40 37.89	

π Arietis.

Dec. 16	2 41 29.05	
17	29.10	

Weisse II, 742.

Nov. 30	2 43 25.47	8.0

γ Fornacis.

Oct. 25	2 43 38.69	
Nov. 18	38.79	

Weisse II, 790.

1858.	h. m. s.	Mag.
Oct. 7	2 46 15.29	7.5
23	15.27	

Rumker 742.

Dec. 18	2 47 26.97	9.0
27	26.84	

ρ^3 Arietis.

Nov. 19	2 48 32.25	
Dec. 16	32.15	
17	32.22	

B. A. C. 905.

Nov. 30	2 48 44.67	

B. A. C. 920.

Oct. 25	2 50 51.79	
Nov. 18	51.88	

Weisse II, 881.

Oct. 7	2 50 54.38	9.0
Dec. 27	54.54	

B. A. C. 922.

Dec. 9	2 51 10.28	
18	10.28	

ε Arietis.

Oct. 23	2 51 12.64	
Nov. 19	12.74	
Dec. 16	12.71	
17	12.67	

α Ceti.

Oct. 23	2 54 57.83	
25	57.72	
Nov. 18	57.84	
19	57.84	

Weisse II, 967.

Oct. 7	2 55 19.34	
Nov. 30	19.33	8.0

ρ^3 Eridani.

Dec. 27	2 57 24.00	

Weisse II, 1037.

Oct. 7	2 58 53.96	8.5
Nov. 30	53.97	9.0

53 Arietis.

Dec. 16	2 59 33.01	
17	32.99	

B. A. C. 960.

Dec. 9	2 59 52.54	

Hosted by Google

B. A. C. 980.

1858.	h. m. s.	Mag.
Oct. 25	3 2 8.45	
Nov. 18	8.59	

WEISSE (2) III, 45.

Dec. 27	3 3 12.38	

δ ARIETIS.

Oct. 7	3 3 37.69	
23	37.63	
Nov. 19	37.68	
30	37.66	
Dec. 16	37.68	
17	37.59	
18	37.69	

ζ ARIETIS.

Oct. 23	3 6 51.53	
Nov. 19	51.50	
Dec. 17	51.47	

WEISSE (2) III, 161.

Dec. 27	3 7 54.80	

(*), +17° 3′.

Nov. 30	3 9 18.38	

WEISSE III, 168.

Dec. 18	3 10 8.30	8.0

B. A. C. 1019.

Oct. 7	3 10 24.93	
Nov. 18	25.12	

WEISSE III, 172.

Oct. 25	3 10 33.61	
Dec. 9	33.57	8.0

(*), +22° 42′.

Dec. 27	3 12 35.48	8.5

τ¹ ARIETIS.

Nov. 19	3 13 8.83	

RUMKER 849.

Nov. 30	3 16 2.69	

o TAURI.

Oct. 25	3 17 16.94	
Nov. 18	16.86	

WEISSE III, 295.

Dec. 16	3 17 23.53	8.0

B. A. C. 1063.

Dec. 9	3 18 50.99	

RUMKER 870.

1858.	h. m. s.	Mag.
Dec. 18	3 21 47.98	

(*), +9° 29′.

Dec. 27	3 21 50.88	9.5

RUMKER 879.

Nov. 30	3 22 55.26	

B. A. C. 1097.

Oct. 25	3 26 18.08	
Nov. 18	17.96	

(*), +31° 15′.

Dec. 9	3 26 39.55	8.5

B. A. C. 1101.

Dec. 9	3 26 55.69	
16	55.94	

WEISSE III, 517.

Nov. 30	3 28 40.41	9.0
Dec. 27	40.32	

9 TAURI.

Oct. 23	3 28 44.42	
Dec. 17	44.42	
18	44.38	

B. A. C. 1130.

Oct. 25	3 32 58.29	
Nov. 18	58.29	

WEISSE (2) III, 733.

Dec. 16	3 34 3.08	
27	3.16	

RUMKER 940.

Nov. 30	3 34 22.24	8.5

17 TAURI.

Oct. 23	3 36 34.05	
Dec. 17	33.94	
18	34.01	

24 TAURI.

Nov. 18	3 39 1.94	
Dec. 18	1.98	
27	1.94	

η TAURI.

Oct. 23	3 39 10.00	
25	10.02	
Nov. 18	9.89	
Dec. 17	9.99	
18	10.01	
27	9.94	

(*), +11° 15′.

1858.	h. m. s.	Mag.
Dec. 16	3 39 33.33	8.0

WEISSE (2) III, 881.

Nov. 30	3 39 51.99	

B. A. C. 1171.

Dec. 9	3 40 9.84	

28 TAURI.

Oct. 23	3 40 51.69	
Dec. 18	51.73	

B. A. C. 1205.

Oct. 25	3 45 2.38	
Nov. 18	2.32	

RUMKER 1023.

Nov. 30	3 46 29.02	7.0
Dec. 16	29.10	

WEISSE (2) III, 1013.

Dec. 27	3 46 35.80	

WEISSE (2) III, 1019.

Dec. 27	3 46 52.52	

WEISSE, 3ʰ 924.

Dec. 18	3 47 51.94	

ε PERSEI.

Dec. 22	3 48 27.89	

γ¹ ERIDANI.

Oct. 24	3 51 29.98	
25	29.98	
Nov. 18	29.97	
30	29.98	
Dec. 9	29.92	
17	29.99	
18	29.85	
27	29.94	

A¹ TAURI.

Dec. 18	3 56 25.30	

(*), +16° 5′.

Dec. 27	3 56 39.42	9.0

RUMKER 1084.

Dec. 16	3 58 19.46	

c PERSEI.

Dec. 22	3 58 30.59	

B. A. C. 1282.

1858.	h. m. s.	Mag.
Oct. 25	4 3 21.06	
Dec. 9	20.99	

37 ERIDANI.

Oct. 24	4 3 32.80	

o¹ ERIDANI.

Oct. 24	4 5 1.88	
Nov. 30	2.04	
Dec. 16	1.99	
18	2.01	
22	2.04	
27	1.99	

ω² TAURI.

Dec. 18	4 9 3.70	

51 TAURI.

Dec. 16	4 10 6.28	
22	6.24	

h TAURI.

Nov. 30	4 12 4.84	
Dec. 9	4.73	

WEISSE (2) IV, 330.

Dec. 16	4 15 56.03	

ε TAURI.

Oct. 24	4 20 26.63	
Nov. 30	26.64	
Dec. 18	26.66	
22	26.65	

WEISSE (2) IV, 458.

Dec. 16	4 21 37.04	

B. A. C. 1408.

Nov. 30	4 25 52.66	
Dec. 16	52.46	

a TAURI.

Oct. 24	4 27 53.43	
Dec. 9	53.40	
22	53.36	

σ² TAURI.

Dec. 16	4 31 16.14	

WEISSE (2) IV, 719.

Dec. 22	4 33 19.14	9.0

τ TAURI.

Oct. 24	4 33 50.70	
Dec. 18	50.70	

Hosted by Google

B. A. C. 1463.

1858.	h. m. s.	Mag.
Nov. 30	4 37 15.57	
Dec. 16	15.53	

i TAURI.

Oct. 25	4 43 11.18	

(*), +26° 23′.

Dec. 22	4 44 7.31	9.0

WEISSE (2) IV, 986.

Dec. 16	4 44 18.47	
22	18.38	8.0

ι AURIGÆ.

Oct. 24	4 47 52.79	
Dec. 18	52.74	

κ TAURI.

Oct. 24	4 49 35.49	
25	35.53	

WEISSE (2) IV, 1172.

Dec. 22	4 52 8.73	9.5

ι TAURI.

Oct. 25	4 54 43.82	
Dec. 16	43.71	
18	43.75	

ε LEPORIS.

Dec. 16	4 59 32.15	
18	32.09	
22	32.07	

105 TAURI.

Oct. 24	4 59 34.90	
25	34.89	

α AURIGÆ.

Dec. 18	5 6 21.07	

β ORIONIS.

Oct. 24	5 7 48.75	
25	48.67	
Dec. 22	48.75	

n TAURI.

Oct. 25	5 10 51.94	

WEISSE (2) V, 451.

Dec. 22	5 16 36.63	8.5

WEISSE (2) V, 452.

Dec. 22	5 16 38.65	9.0

β TAURI.

1858.	h. m. s.	Mag.
Oct. 25	5 17 26.52	
Dec. 16	26.56	

δ ORIONIS.

Dec. 16	5 24 51.35	
22	51.42	

ε ORIONIS.

Dec. 16	5 29 6.58	

WEISSE V, 874.

Dec. 22	5 34 20.53	

α COLUMBÆ.

Oct. 25	5 34 34.82	

(*), −13° 41′.

Dec. 22	5 42 4.93	8.5

136 TAURI.

Oct. 25	5 44 31.72	

WEISSE V, 1204.

Dec. 22	5 47 35.62	

139 TAURI.

Oct. 25	5 49 18.40	

(*), −14° 11′.

Dec. 22	5 51 24.10	8.0

WEISSE V, 1335.

Dec. 22	5 52 27.48	8.0

WEISSE V, 1372.

Dec. 22	5 53 52.26	8.5

WEISSE VI, 264

Dec. 22	6 9 34.71	

(*), −14° 23′.

Dec. 22	6 47 8.20	8.5

ε CANIS MAJORIS.

Dec. 22	6 53 7.48	

γ CANIS MAJORIS.

Dec. 22	6 57 25.44	

WEISSE VII, 196.

Dec. 22	7 6 54.04	8.0

α CANIS MINORIS.

1858.	h. m. s.	Mag.
Dec. 22	7 31 58.38	

β GEMINORUM.

Dec. 22	7 36 44.62	

φ GEMINORUM.[1]

Dec. 22	7 44 55.39	

6 CANCRI.

Dec. 22	7 54 54.81	

ψ^2 CANCRI.

Dec. 22	8 2 0.89	

λ CANCRI.

Dec. 22	8 12 12.36	

υ CANCRI, (1st *.)

Dec. 22	8 18 19.79	

θ CANCRI.

Dec. 22	8 23 36.50	

γ CANCRI.

Dec. 22	8 35 10.64	

ε HYDRÆ.

Dec. 22	8 39 21.48	

ρ^3 CANCRI.

Dec. 22	8 47 16.05	

κ CANCRI.

Dec. 22	9 0 9.58	

B. A. C. 3138.

Dec. 22	9 5 37.15	

83 CANCRI.

Dec. 22	9 11 9.79	

(*), +8° 15±.

Dec. 22	9 16 42.38	

λ LEONIS.

Dec. 22	9 23 43.46	

ο LEONIS.

Dec. 23	9 33 40.55	

ε LEONIS.

Dec. 23	9 37 53.84	

ν LEONIS.

1858.	h. m. s.	Mag.
Dec. 13	9 50 41.35	

π LEONIS.

Dec. 23	9 52 48.73	

α LEONIS.

Dec. 23	10 0 54.82	

α VIRGINIS.

Sept. 29	13 17 49.32	

α BOOTIS.

Sept. 10	14 9 16.58	
13	16.49	
18	16.61	
29	16.55	

α CORONÆ BOREALIS.

Sept. 17	15 28 45.65	
19	45.55	

δ OPHIUCHI.

Sept. 13	16 7 0.53	

α SCORPII.

Sept. 13	16 20 49.74	

ζ HERCULIS.

Sept. 17	16 36 0.46	

κ OPHIUCHI.

Sept. 17	16 51 2.55	

α HERCULIS.

Sept. 13	17 8 15.83	
17	15.86	

θ OPHIUCHI.

Sept. 17	17 13 24.85	

α OPHIUCHI.

Sept. 13	17 28 26.17	
17	26.20	

μ HERCULIS.

Sept. 13	17 40 58.83	
17	58.76	

γ DRACONIS.

Sept. 13	17 53 21.36	
17	21.31	

μ SAGITTARII.

Sept. 13	18 5 23.48	

Hosted by Google

δ SAGITTARII.

1858.	h. m. s.	Mag.
Oct. 13	18 12 1.84	

σ SAGITTARII.

Oct. 13	18 46 34.94
14	34.88

o SAGITTARII.

Oct. 13	18 56 17.43

ζ AQUILÆ.

Sept. 3	18 58 58.45

ω AQUILÆ.

Sept. 3	19 11 14.66
Oct. 13	14.60

δ AQUILÆ.

Sept. 3	19 18 26.24
Oct. 13	26.29

h^2 SAGITTARII.

Sept. 2	19 28 10.90
3	10.91
7	10.82
29	10.94
Oct. 13	10.97
15	11.02
20	10.98

B. A. C. 6738.

Sept. 2	19 33 5.63

φ CYGNI.

Oct. 16	19 33 50.70

γ AQUILÆ.

Sept. 2	19 39 36.19
29	36.10
Oct. 13	36.13
15	36.18
16	36.12
20	36.18

α AQUILÆ.

Sept. 2	19 43 57.09
7	57.06
29	57.04
Oct. 4	57.02
13	57.05
15	57.10
16	57.05
20	57.08

b SAGITTARII.

Oct. 14	19 48 20.95

β AQUILÆ.

Sept. 7	19 48 26.18
29	26.06
Oct. 4	26.15
13	26.12
20	29.15

B. A. C. 6841.

1858.	h. m. s.	Mag.
Sept. 2	19 50 7.37	
Oct. 16	7.45	

13 SAGITTÆ.

Sept. 7	19 53 43.86

c SAGITTARII.

Oct. 14	19 54 2.61
15	2.66

B. A. C. 6882.

Aug. 26	19 55 48.75
Sept. 2	48.83

16 VULPECULÆ.

Oct. 16	19 56 5.03

(*), +19° 57′.

Sept. 7	19 57 37.15	8.0

B. A. C. 6899.

Sept. 18	19 58 40.81

B. A. C. 6903.

Sept. 29	20 0 7.41

B. A. C. 6906

Aug. 26	20 0 33.58

B. A. C. 6908.

Sept. 2	20 0 40.04

17 VULPECULÆ.

Sept. 7	20 0 52.52

b^2 CYGNI.

Aug. 26	20 4 13.58
Sept. 18	13.66

B. A. C. 6941.

Sept. 7	20 4 53.69
Oct. 16	53.62
19	53.53

(*), +16° 18′.

Sept. 2	20 5 56.27	8.0

4 CAPRICORNI.

Sept. 18	20 9 47.37

a^1 CAPRICORNI.

Aug. 26	20 9 53.05
Sept. 2	52.98
7	53.07
Oct. 14	53.03

a^2 CAPRICORNI.

1858.	h. m. s.	Mag.
Aug. 26	20 10 16.94	
Sept. 2	16.94	
7	16.95	
29	16.97	
Oct. 15	16.94	
16	16.93	
19	17.02	

O. ARG. S. 20429

Sept. 29	20 13 11.85

B. A. C. 7011.

Sept. 2	20 16 6.19
7	6.29

B. A. C. 7018

Oct. 16	20 16 51.99
18	52.05

LALANDE 39247.

Sept. 29	20 18 12.55

ρ CAPRICORNI.

Aug. 26	20 20 52.23
Sept. 2	52.09
7	52.11
27	52.11
29	52.19
Oct. 16	52.21
19	52.23
20	52.23

B. A. C. 7044.

Sept. 2	20 21 0.58

B. A. C. 7049.

Sept. 18	20 21 17.98

O. ARG. S. 20570.

Sept. 29	20 23 26.00

1 DELPHINI.

Sept. 9	20 23 35.95

(*), +48° 44′.

Aug. 26	20 26 33.92
Sept. 2	33.87

ω^3 CYGNI.

Aug. 26	20 26 59.66
Sept. 2	59.69

B. A. C. 7093.

Sept. 18	20 27 27.81
Oct. 16	27.80
19	27.92

O. ARG. S. 20654.

1858.	h. m. s	Mag.
Sept. 27	20 29 27.80	

B. A. C. 7108.

Oct. 2	20 29 31.92

O. ARG. S. 20675.

Sept. 27	20 30 12.60

B. A. C. 7128.

Sept. 18	20 31 51.26

B. A. C. 7133.

Sept. 7	20 32 4.26

v CAPRICORNI.

Sept. 29	20 32 4.49
Oct. 15	4.56
16	4.49

GR. 12-YEAR CAT. 1850

Sept. 2	20 32 35.28

α DELPHINI.

Oct. 19	20 33 8.01

B. A. C. 7159.

Sept. 27	20 34 41.83
29	41.60

B. A. C. 7167.

Sept. 28	20 35 46.05
30	46.03

α CYGNI.

Sept. 2	20 36 39.67
18	39.56
Oct. 4	39.50
20	39.48

(*), −21° 23′.

Oct. 2	20 36 43.85	8.5
19	43.83	7.0

ψ CAPRICORNI.

Oct. 15	20 37 48.00
16	47.93

30 VULPECULÆ.

Sept. 7	20 38 48.93

B. A. C. 7202, (2d *.)

Aug. 26	20 40 28.26

WEISSE XX, 1031.

Sept. 29	20 40 49.76

Hosted by Google

B. A. C. 7209.

1858.	h. m. s.	Mag.
Sept. 27	20 41 23.78	

B. A. C. 7216.

Sept. 28	20 42 14.64	
Oct. 19	14.67	

B. A. C. 7219.

Sept. 7	20 42 32.86	

14 Delphini.

Oct. 2	20 42 56.51	

B. A. C. 7224.

Sept. 2	20 43 10.51	

ω Capricorni.

Oct. 16	20 43 27.51	

B. A. C. 7248.

Sept. 2	20 46 48.27	

19 Capricorni.

Sept. 27	20 46 52.85	
29	52.85	

(*), −19° 19′.

Sept. 7	20 47 33.10	

B. A. C. 7254.

Oct. 16	20 48 25.25	
19	25.07	

32 Vulpeculæ.

Aug. 26	20 48 35.56	
Oct. 2	35.48	
4	35.56	
15	35.62	
20	35.53	

B. A. C. 7274.

Sept. 7	20 51 51.33	

21 Capricorni.

Sept. 27	20 52 58.70	
29	58.68	

B. A. C. 7285.

Oct. 2	20 53 10.41	
16	10.30	

B. A. C. 7290.

Sept. 28	20 53 18.89	
Oct. 7	18.66	

B. A. C. 7297.

1858.	h. m. s.	Mag.
Oct. 19	20 54 34.33	

Weisse XX, 1394.

Oct. 4	20 54 45.55	

θ Capricorni.

Sept. 18	20 58 4.16	
27	4.37	
29	4.30	

61[1] Cygni.

Aug. 26	21 0 37.51	
Sept. 2	37.57	
7	37.32	
13	37.12	
28	37.42	
Oct. 2	37.40	
4	37.40	
7	37.20	
19	37.21	

61[2] Cygni.

Sept. 7	21 0 38.88	
Oct. 4	38.87	
7	38.59	
28	38.92	
19	38.61	

υ Aquarii.

Oct. 16	21 1 57.87	

Lalande 41011.

Sept. 30	21 2 11.01	

B. A. C. 7366.

Oct. 2	21 6 33.11	8.0
7	32.76	

ζ Cygni.

Aug. 26	21 6 58.63	
Sept. 2	58.83	
7	58.69	
13	58.63	
23	58.58	
28	58.70	
30	58.67	
Oct. 4	58.72	
5	58.72	
16	58.65	
19	58.61	

B. A. C. 7401.

Aug. 26	21 13 3.17	
Sept. 7	3.48	

A Cygni.

Sept. 28	21 13 14.18	
Oct. 7	13.85	

ι Capricorni.

Sept. 18	21 14 26.59	
Oct. 19	26.73	

α Cephei.

1858.	h. m. s.	Mag.
Sept. 2	21 15 14.28	
30	14.17	

B. A. C. 7436.

Aug. 26	21 17 44.69	
Sept. 28	44.72	

ζ Capricorni.

Sept. 18	21 18 39.87	
Oct. 16	40.05	

B. A. C. 7450.

Oct. 2	21 19 56.44	
5	56.43	
19	56.42	

69 Cygni.

Sept. 9	21 20 3.69	
Oct. 7	3.68	

β Aquarii.

Sept. 2	21 24 11.12	
7	11.19	
9	11.19	
13	11.15	
23	11.16	
27	11.11	
28	11.21	
Oct. 2	11.24	
5	11.16	
7	11.14	
9	11.08	
13	11.13	
15	11.23	
16	11.17	
19	11.17	

β Cephei.

Aug. 26	21 26 50.46	
Sept. 7	50.60	

ρ Cygni.

Sept. 9	21 28 43.10	
Oct. 5	42.96	

ε Capricorni.

Oct. 16	21 29 14.13	

O. Arg. S. 21515.

Oct. 19	21 29 32.52	7.0

B. A. C. 7515.

Sept. 23	21 30 22.34	
28	22.24	

B. A. C. 7523.

Oct. 2	21 30 56.48	

74 Cygni.

Oct. 7	21 31 20.17	
9	20.14	

γ Capricorni.

1858.	h. m. s.	Mag.
Oct. 16	21 32 19.79	
18	19.70	

B. A. C. 7528.

Aug. 26	21 32 29.74	
Sept. 2	29.76	

B. A. C. 7549.

Sept. 7	21 35 21.20	
28	21.28	

B. A. C. 7558.

Sept. 2	21 36 37.01	

77 Cygni.

Oct. 9	21 36 45.05	

ε Pegasi.

Sept. 9	21 37 18.58	
13	18.68	
23	18.66	
27	18.62	
30	18.57	
Oct. 2	18.50	
5	18.51	
7	18.49	
13	18.51	
15	18.53	
18	18.56	

δ Capricorni.

Oct. 16	21 39 18.48	
19	18.40	

B. A. C. 7584.

Oct. 14	21 39 35.74	

B. A. C. 7590.

Sept. 2	21 40 25.27	
Oct. 9	25.08	

B. A. C. 7610.

Sept. 2	21 44 32.81	
9	32.60	
Oct. 19	32.21	7.0

μ Capricorni.

Sept. 13	21 45 39.54	
Oct. 16	39.60	
18	39.58	

O. Arg. N. 22961.

Oct. 19	21 45 58.65	8.5

B. A. C. 7620.

Sept. 23	21 46 6.95	
28	6.75	
Oct. 2	6.73	

Hosted by Google

16 Pegasi.

1858.	h. m. s.	Mag.
Aug. 26	21 46 41.65	
Sept. 7	41.68	
27	41.64	
30	41.49	
Oct. 5	41.56	
13	41.45	
15	41.66	

(*), +55° 8′.

Oct. 7	21 47 16.16	
9	16.30	7.0

B. A. C. 7631.

Oct. 7	21 47 16.79
9	16.88

17 Pegasi.

Sept. 2	21 50 6.72
9	6.90

B. A. C. 7644.

Sept. 7	21 50 16.32
Oct. 14	16.03

Lalande 42813.

Oct. 18	21 51 4.78	8.5

(*), −20° 42′.

Oct. 2	21 51 32.60

B. A. C. 7677.

Sept. 7	21 56 29.62

B. A. C. 7680.

Oct. 7	21 57 16.21
16	16.28

α Aquarii.

Aug. 26	21 58 35.47
Sept. 23	35.46
28	35.46
Oct. 2	35.54
5	35.43
9	35.47
14	35.49
15	35.43
18	35.48
19	35.44

α Gruis.

Sept. 13	21 59 23.21
27	23.24
Oct. 13	23.55

B. A. C. 7724.

Oct. 16	22 3 15.92

O. Arg. S. 21964.

1858.	h. m. s.	Mag.
Sept. 7	22 4 0.52	9.0

(*), −18° 49′.

Oct. 18	22 4 38.57	9.5

B. A. C. 7752.

Aug. 26	22 6 33.97
Sept. 2	33.98

B. A. C. 7754.

Sept. 23	22 6 45.62
28	45.84

B. A. C. 7765.

Oct. 5	22 7 52.34
7	52.22

42 Aquarii.

Oct. 16	22 9 18.04

θ Aquarii.

Sept. 2	22 9 26.58
27	26.52
30	26.60
Oct. 2	26.68
9	26.71
13	26.50
14	26.55
15	26.48
18	26.58
19	26.57
20	26.60
26	26.56
27	26.49

ρ Aquarii.

Oct. 18	22 12 49.80
19	49.69

31 Pegasi.

Aug. 26	22 14 37.54
Sept. 2	37.64

2 Lacertæ.

Sept. 9	22 15 14.96
23	14.98

B. A. C. 7803.

Oct. 7	22 16 3.72
9	3.53

33 Pegasi.

Oct. 26	22 16 55.37

50 Aquarii.

Oct. 14	22 16 56.84
16	56.88

B. A. C. 7812.

1858.	h. m. s.	Mag.
Oct. 19	22 17 50.51	

B. A. C. 7818.

Sept. 13	22 18 57.56
Oct. 18	57.72

53 Aquarii.

Oct. 18	22 18 58.21

B. A. C. 7835.

Aug. 26	22 22 32.04
Sept. 2	32.00

Weisse XXII, 467.

Sept. 27	22 22 34.74	
Oct. 26	34.56	8.0

σ Aquarii.

Sept. 23	22 23 14.05
28	14.13
Oct. 5	13.96
18	14.08

B. A. C. 7846.

Oct. 2	22 23 53.61
7	53.59
9	53.59

B. A. C. 7858.

Oct. 14	22 26 15.22
16	15.29

B. A. C. 7866.

Aug. 26	22 27 53.94
Oct. 26	53.93

η Aquarii.

Sept. 2	22 28 9.63
7	9.56
23	9.71
27	9.71
28	9.58
Oct. 2	9.65
5	9.66
9	9.59
14	9.63
16	9.64
20	9.68
27	9.58

κ Aquarii.

Oct. 18	22 30 30.28
19	30.21

B. A. C. 7907.

1858.	h. m. s.	Mag.
Oct. 2	22 34 12.24	
7	12.05	
9	12.23	

ζ Pegasi.

Aug. 26	22 34 28.74
Sept. 2	28.74
7	28.64
9	28.83
28	28.70
Oct. 5	28.75
16	28.79
19	28.80
20	28.81
26	28.78
27	28.81

Weisse XXII, 761.

Oct. 18	22 35 53.74	8.0

Weisse XXII, 772.

Sept. 23	22 36 42.85	
Oct. 14	42.87	7.0

13 Lacertæ.

Oct. 16	22 36 51.22

ξ Pegasi.

Sept. 28	23 39 41.88
Oct. 5	41.99

B. A. C. 7948.

Aug. 26	22 39 58.09

B. A. C. 7950.

Oct. 2	22 40 13.83

B. A. C. 7953.

Oct. 7	22 41 50.03
9	50.10

τ^2 Aquarii.

Sept. 27	22 42 10.63
Oct. 18	10.41
20	10.55
26	10.52
27	10.53

21 Piscis Australis.

Sept. 2	22 43 37.17
23	37.18

B. A. C. 7978.

Oct. 5	22 46 47.82

B. A. C. 7983.

Oct. 14	22 47 24.64
16	24.69

Hosted by Google

α Piscis Australis.

1858.	h. m. s.	Mag.
Aug. 26	22 49 54.24	
Sept. 2	54.24	
9	54.24	
23	54.50	
27	54.31	
28	54.27	
Oct. 2	54.45	
7	54.35	
9	54.39	
14	54.34	
16	54.41	
19	54.26	
20	54.41	
22	54.40	
27	54.37	

81 Aquarii.

Sept. 7	22 54 6.96	
Oct. 2	6.96	

Weisse XXII, 1149.

Oct. 27	22 55 2.85	

Weisse XXII, 1156.

Oct. 18	22 55 12.05	8.0
19	11.94	
27	12.01	

2 Andromedæ.

Oct. 5	22 56 9.93	
7	10.07	

α Pegasi.

Sept. 7	22 57 47.31	
9	47.30	
27	47.26	
28	47.31	
Oct. 20	47.35	
22	47.31	
23	47.30	
25	47.42	

Weisse XXII, 1221.

Oct. 14	22 58 11.55	8.0

1 Cassiopeæ.

Oct. 2	23 0 41.95	
16	42.48	

B. A. C. 8056.

Oct. 5	23 0 53.90	
19	53.98	

6 Andromedæ.

Sept. 7	23 3 59.68	
28	59.55	

60 Pegasi.

Oct. 7	23 5 1.69	
14	1.64	

φ Aquarii.

1858.	h. m. s.	Mag.
Oct. 18	23 7 4.22	
19	4.11	

B. A. C. 8091.

Oct. 2	23 8 7.91	
5	7.86	

B. A. C. 8094.

Oct. 14	23 8 21.51	

ψ^1 Aquarii.

Oct. 18	23 8 33.26	

B. A. C. 8104.

Oct. 16	23 9 39.52	

γ Piscium.

Sept. 7	23 9 54.45	
9	54.44	
23	54.46	
27	54.53	
28	54.41	
Oct. 7	54.50	
9	54.39	
20	54.54	
23	54.46	
25	54.58	
27	54.49	
Nov. 6	54.38	

Weisse XXIII, 185.

Oct. 26	23 10 21.42	7.0

Weisse XXIII, 188.

Oct. 27	23 10 25.21	8.0

ψ^2 Aquarii.

Oct. 25	23 10 37.62	

96 Aquarii.

Oct. 18	23 12 8.32	
19	8.29	

B. A. C. 8123.

Sept. 7	23 13 0.26	
28	0.15	
Oct. 7	0.27	

b Piscium.

Oct. 27	23 13 12.69	

Lalande 45704.

Oct. 23	23 13 34.25	

Weisse XXIII, 309.

Oct. 2	23 15 43.71	
22	43.79	
25	43.82	
Nov. 6	43.80	

Lalande 45804.

1858.	h. m. s.	Mag.
Oct. 26	23 16 31.64	
27	31.74	

B. A. C. 8158.

Sept. 7	23 17 46.84	

Weisse XXIII, 359.

Oct. 18	23 18 14.00	9.0

κ Piscium.

Sept. 9	23 19 45.30	
23	45.24	
28	45.19	
Oct. 7	45.35	
19	45.21	
20	45.34	
22	45.28	
23	45.34	2.8
25	45.32	
Nov. 6	45.30	
18	45.36	

9 Piscium.

Oct. 22	23 20 4.59	

B. A. C. 8173.

Oct. 9	23 20 24.05	
16	24.38	

θ Piscium.

Oct. 14	23 20 51.98	
27	52.02	

(*), +5° 39′.

Oct. 26	23 21 8.59	8.0

Weisse XXIII, 423.

Oct. 2	23 21 36.72	

Weisse XXIII, 458.

Oct. 14	23 23 14.53	8.5

B. A. C. 8187.

Oct. 5	23 23 28.91	

Weisse XXIII, 463.

Oct. 7	23 23 36.21	8.5
18	36.31	9.0
19	36.00	8.0

Santini 1636.

Oct. 27	23 25 5.57	

B. A. C. 8204.

Sept. 28	23 26 34.38	
Nov. 6	33.75	

B. A. C. 8217.

1858.	h. m. s.	Mag.
Oct. 9	23 28 55.31	
Nov. 18	55.54	

Weisse XXIII, 592.

Oct. 2	23 29 4.49	

Weisse XXIII, 602.

Oct. 14	23 29 40.32	9.0
19	40.15	9.0

B. A. C. 8223.

Sept. 9	23 30 42.15	
Oct. 7	41.97	

ι Piscium.

Sept. 27	23 32 44.93	
Oct. 22	45.05	
27	44.92	
Nov. 18	44.96	

Weisse XXIII, 685.

Oct. 2	23 33 34.46	

γ Cephei.

Sept. 28	23 33 38.20	
Oct. 5	37.55	
16	38.43	

Weisse XXIII, 705.

Oct. 7	23 34 33.35	8.5

Weisse XXIII, 710.

Oct. 26	23 34 48.89	

Santini 1649.

Oct. 22	23 34 48.80	
25	48.79	
26	48.89	

λ Piscium.

Oct. 20	23 34 54.19	

B. A. C. 8247.

Nov. 6	23 35 26.41	

B. A. C. 8252.

Sept. 9	23 36 17.38	

Weisse XXIII, 749.

Oct. 14	23 36 59.04	9.5

Weisse XXIII, 764.

Oct. 7	23 37 40.30	8.0
26	40.32	

Hosted by Google

Weisse XXIII, 803.

1858.	h. m. s.	Mag.
Oct. 22	23 39 52.47	

B. A. C. 8269.

Sept. 23	23 40 35.63	

Weisse XXIII, 828.

Oct. 2	23 40 58.66	

Weisse XXIII, 831.

Oct. 14	23 41 5.82	7.0
26	5.88	

δ Sculptoris.

Sept. 9	23 41 37.44	
18	37.51	
27	37.65	
28	37.55	
Oct. 16	37.65	
18	37.58	
23	37.64	
25	37.74	
Nov. 6	37.81	

21 Piscium.

Oct. 19	23 42 17.29	
20	17.29	

Weisse XXIII, 870.

Oct. 7	23 42 59.11	8.5

82 Pegasi.

Oct. 14	23 45 28.72	
26	28.80	

Weisse XXIII, 932.

Sept. 28	23 45 58.72	8.5
Oct. 2	58.73	

ρ Cassiopeæ.

Sept. 9	23 47 24.50	
18	24.52	

(*), − 1° 4′.

Oct. 18	23 47 41.07	8.5

B. A. C. 8315.

Sept. 23	23 48 28.27	
Nov. 18	28.26	

B. A. C. 8317.

Oct. 9	23 48 33.56	

Weisse XXIII, 1030.

Oct. 2	23 50 36.62	7.0
7	36.69	7.0

ψ Pegasi.

1858.	h. m. s.	Mag.
Oct. 26	23 50 37.69	

27 Piscium.

Oct. 19	23 51 30.17	

ω Piscium.

Sept. 18	23 52 7.47	
28	7.28	
Oct. 14	7.40	
16	7.44	
18	7.34	
20	7.30	
23	7.30	
25	7.38	
Nov. 13	7.34	
18	7.49	

B A. C. 8344.

Oct. 9	23 54 29.41	

Weisse XXIII, 1178.

Nov. 18	23 57 31.49	8.0

Weisse XXIII, 1195.

Oct. 18	23 58 20.37	7.0
23	20.29	
26	20.43	7.0

Weisse XXIII, 1201.

Sept. 23	23 58 48.60	

B. A. C. 8374.

Oct. 27	23 59 20.84	

Weisse XXIII, 1212.

Sept. 18	23 59 20.95	
28	20.90	
Oct. 2	20.76	8.0
7	20.88	
14	20.87	

Weisse XXIII, 1217.

Oct. 2	23 59 (40.74)	
7	41.26	
14	41.28	

α Andromedæ.

1859.		
Jan. 13	0 1 9.37	
Aug. 17	9.47	

Weisse XXIII, 1258.

Nov. 16	0 1 37.53	

Weisse XXIII, 1260.

Nov. 16	0 1 38.26	

Weisse XXIII, 1267.

Nov. 28	0 1 41.84	

B. A. C. 18.

1859.	h. m. s.	Mag.
Dec. 26	0 3 14.81	

Weisse O, 69.

Nov. 26	0 4 36.58	

Weisse O, 83.

Nov. 15	0 5 36.61	9.0

γ Pegasi.

Jan. 13	0 6 1.75	
Aug. 17	1.78	
Nov. 28	1.79	

Weisse O, 104.

Nov. 16	0 6 54.61	9.0

35 Piscium.

Sept. 12	0 7 46.34	
13	46.30	

B. A. C. 39.

Dec. 26	0 8 21.18	

Santini 10.

Nov. 26	0 8 26.98	7.0

Weisse O, 192.

Nov. 28	0 11 55.47	9.0

Weisse O, 199.

Nov. 16	0 12 27.66	7.5

d Piscium.

Aug. 16	0 13 23.79	
17	23.68	
Sept. 12	23.72	
13	23.73	
Nov. 26	23.68	

Weisse O, 239.

Nov. 15	0 14 14.12	9.0

9 Ceti.

Nov. 28	0 15 41.16	

44 Piscium.

Dec. 26	0 18 13.60	

45 Piscium.

Aug. 16	0 18 29.04	
17	28.95	
Sept. 12	29.05	
13	28.97	

B. A. C. 96.

1859.	h. m. s.	Mag.
Nov. 16	0 19 56.92	
26	56.88	

12 Ceti.

Jan. 13	0 22 53.61	
Aug. 16	53.67	
17	53.65	
Sept. 12	53.59	
13	53.61	
Nov. 15	53.62	
16	53.63	
26	53.62	
Dec. 26	53.66	

B. A. C. 113.

Nov. 28	0 22 56.88	

Weisse O, 436.

Nov. 28	0 26 14.49	9.0

Weisse O, 450.

Nov. 26	0 26 55.40	8.0

B. A. C. 137.

Nov. 16	0 26 55.54	

13 Ceti.

Aug. 16	0 28 2.46	
17	2.53	
Sept. 13	2.56	

Weisse O, 491.

Dec. 26	0 29 10.11	8.0

Weisse O, 496.

Nov. 28	0 29 43.78	8.5

α Cassiopeæ.

Jan. 19	0 32 34.84	
Sept. 13	34.96	
Nov. 26	35.02	

B. A. C. 177.

Nov. 15	0 33 57.98	7.0
Dec. 26	58.00	

β Ceti.

Jan. 8	0 36 33.60	
Aug. 17	33.59	
Dec. 26	33.61	

Weisse O, 635.

Nov. 16	0 37 5.19	8.5

Weisse O, 638.

Nov. 16	0 37 11.70	9.0

Hosted by Google

WEISSE O, 647.

1859.	h. m. s.	Mag.
Nov. 26	0 37 51.65	

WEISSE O, 657.

Nov. 15	0 38 25.67	8.0
16	25.58	8.0

ν CASSIOPEÆ.

Dec. 26	0 40 55.06

WEISSE O, 712.

Nov. 28	0 41 10.40	8.0

δ PISCIUM.

Aug. 17	0 41 25.28

WEISSE O, 732.

Nov. 15	0 42 44.82	7.0
26	44.80	7.0

B. A. C. 239.

Dec. 26	0 44 44.54

20 CETI.

Sept. 13	0 45 53.15

WEISSE O, 815.

Nov. 15	0 48 4.43	8.5
16	4.39	9.0
28	4.33	8.5

ϕ^3 CETI.

Dec. 26	0 49 0.25

B. A. C. 271.

Nov. 26	0 51 43.18

WEISSE O, 893.

Nov. 28	0 51 50.01	8.5

WEISSE O, 908.

Nov. 15	0 52 26.36	8.5
16	26.39	9.0

WEISSE O, 965.

Nov. 26	0 55 24.40

ε PISCIUM.

Sept. 13	0 55 40.84
Nov. 8	40.78
Dec. 26	40.80

WEISSE O, 1013.

Nov. 28	0 58 6.72

WEISSE O, 1033.

1859.	h. m. s.	Mag.
Nov. 15	0 59 5.45	9.0
16	5.46	

e PISCIUM.

Aug. 17	1 1 9.51

ζ PISCIUM.

Nov. 8	1 6 25.15

40 CETI.

Nov. 8	1 9 48.99

θ CETI.

Jan. 8	1 17 1.48
12	1.51
13	1.55
Aug. 17	1.52
18	1.54
Nov. 8	1.51
15	1.57
16	1.55
26	1.58
28	1.51
Dec. 26	1.54

WEISSE I, 375.

Dec. 26	1 22 42.56	8.5

η PISCIUM.

Aug. 17	1 23 59.72
18	59.74
Nov. 8	59.78
15	59.70
16	59.72

101 PISCIUM.

Jan. 12	1 28 17.52

B. A. C. 482.

Jan. 13	1 29 0.01

WEISSE I, 497.

Jan. 8	1 29 11.50	8.5

π PISCIUM.

Aug. 17	1 29 40.75	
18	40.76	
Nov. 8	40.83	
16	40.93	6.5
26	40.78	6.5

WEISSE I, 562.

Dec. 26	1 32 29.45	8.5

ν PISCIUM.

Jan. 8	1 34 (8.66)
12	8.88
13	8.85
Aug. 18	8.84
Nov. 8	8.86
16	8.85
Dec. 23	8.88

o PISCIUM.

1859.	h. m. s.	Mag.
Jan. 12	1 37 0.22	

WEISSE I, 675.

Dec. 26	1 37 6.62	8.5

o PISCIUM.

Jan. 13	1 38 (0.09)

B. A. C. 551.

Jan. 8	1 41 10.80

WEISSE I, 767.

Dec. 26	1 43 26.39

B. A. C. 562.

Jan. 13	1 43 54.83
Dec. 23	55.20

WEISSE I, 808.

Jan. 8	1 45 27.17	9.0

β ARIETIS.

Jan. 12	1 46 54.67
Aug. 18	54.70
Nov. 8	54.68
Dec. 20	54.70

WEISSE I, 847.

Dec. 23	1 47 32.42	8.0
26	32.44	8.0

ι ARIETIS.

Jan. 13	1 49 42.29
Aug. 18	42.37

WEISSE I, 896.

Dec. 26	1 51 3.22	8.0

B. A. C. 607.

Jan. 12	1 51 49.80
Nov. 8	49.74

WEISSE I, 972.

Dec. 21	1 54 53.49	7.0
23	53.49	7.5

WEISSE I, 973.

Dec. 26	1 55 3.18	7.0

WEISSE I, 1040.

Jan. 8	1 58 48.69	7.0

WEISSE (2) I, 1411.

1859.	h. m. s.	Mag.
Dec. 26	1 58 56.55	8.0

α ARIETIS.

Jan. 12	1 59 17.28
13	17.22
19	17.33
Aug. 18	17.20
Dec. 16	17.21
20	17.23
21	17.21

B. A. C. 663.

Dec. 23	2 2 22.52	8.5

5 TRIANGULI.

Jan. 13	2 3 14.53

O. ARG. N. 2462.

Jan. 8	2 3 37.90	8.5

64 CETI.

Dec. 21	2 3 57.86

WEISSE II, 35.

Dec. 26	2 4 15.96	9.0

O. ARG. N. 2511.

Aug. 18	2 5 23.26
Dec. 20	23.45

B. A. C. 687.

Dec. 16	2 6 10.57

(*), +5° 35′.

Dec. 23	2 6 40.49

WEISSE II, 112.

Dec. 26	2 8 28.18	9.0

67 CETI.

Jan. 19	2 10 0.13
Dec. 20	0.10
21	0.12
23	0.03

θ ARIETIS.

Jan. 13	2 10 20.56

B. A. C. 718.

Aug. 18	2 12 3.44

B. A. C. 725.

Dec. 16	2 13 6.64

Hosted by Google

WEISSE II, 209.

1859.	h. m. s.	Mag.
Dec. 26	2 13 52.98	9.0

ι CASSIOPEÆ.

Aug. 18	2 17 34.86	

(*), + 61° 9′.

Dec. 20	2 17 35.26	8.5

LALANDE 4460.

Jan. 8	2 17 50.92	

(*), +5° 35′.

Dec. 26	2 18 53.68	8.0

WEISSE II, 305.

Dec. 23	2 19 15.31	9.0

WEISSE II, 312.

Dec. 26	2 19 41.84	8.0

25 ARIETIS.

Jan. 13	2 19 56.75
Dec. 16	56.76

ξ² CETI.

Dec. 21	2 20 43.12

27 ARIETIS.

Jan. 13	2 23 8.68	
Aug. 18	8.78	
Dec. 20	8.72	

Σ CAT. GEN. 250.

Dec. 16	2 27 8.91	8.0
23	8.82	

B. A. C. 789.

Jan. 8	2 27 39.30	7.0

WEISSE (2) II, 691.

Dec. 20	2 28 49.99	9.0
21	49.95	9.0

B. A. C. 800.

Jan. 13	2 29 10.25

81 CETI.

Aug. 18	2 30 38.78
Nov. 12	38.66
Dec. 23	38.61

WEISSE (2) II, 860.

Dec. 20	2 35 44.97	8.0
21	44.91	8.0

γ CETI.

1859.	h. m. s.	Mag.
Jan. 8	2 36 2.83	
13	2.92	
Feb. 5	2.85	
7	2.87	
Aug. 18	2.94	
Nov. 12	2.89	
Dec. 16	2.99	
23	2.89	
26	2.89	

B. A. C. 866.

Nov. 12	2 40 37.88
Dec. 16	37.89
21	37.79

WEISSE (2) II, 1018

Dec. 26	2 42 5.00

WEISSE II, 741.

Jan. 8	2 43 25.38	7.0
Dec. 20	25.41	7.5

WEISSE II, 742.

Jan. 4	2 43 25.36	
Dec. 20	25.48	8.0
23	25.43	

γ FORNACIS.

Feb. 5	2 43 38.82

τ PERSEI.

Feb. 7	2 44 21.09

LALANDE 5358.

Dec. 16	2 46 29.19	8.0
26	29.10	8.0

WEISSE II, 820.

Nov. 12	2 47 37.55	7.0

(*), +14° 47′.

Dec. 20	2 48 10.79
21	10.73

(*), +14° 47′.

Dec. 20	2 48 28.32	9.0
21	28.42	9.0

ρ³ ARIETIS.

Feb. 7	2 48 32.14

B. A. C. 905.

Jan. 8	2 48 44.54

WEISSE II, 866.

Dec. 26	2 49 40.79	8.0

RUMKER 775.

1859.	h. m. s.	Mag.
Jan. 4	2 50 28.58	

WEISSE II, 880.

Dec. 23	2 50 50.84

WEISSE II, 893.

Dec. 23	2 51 44.63

λ CETI.

Dec. 21	2 52 12.86	6.5

(*), +9° 41.′

Dec. 23	2 53 15.75	8.5

B. A. C. 944.

Dec. 16	2 53 51.88
26	51.73

WEISSE (2) II, 1293.

Jan. 8	2 54 0.22	8.0
Dec. 20	0.30	8.0

α CETI.

Jan. 4	2 54 57.77
Feb. 5	57.81
7	57.83
Nov. 12	57.81
Dec. 8	57.87

WEISSE (2) II, 1322.

Dec. 21	2 55 21.88	7.5

53 ARIETIS.

Dec. 8	2 59 32.96

B. A. C. 975.

Jan. 4	3 1 8.99
Feb. 5	9.06

WEISSE III, 1.

Dec. 20	3 1 56.38	9.0
21	56.27	

WEISSE (2) III, 45.

Dec. 23	3 3 12.33	9.0

δ ARIETIS.

Feb. 7	3 3 37.70
Dec. 8	37.62
16	37.71
26	37.73

WEISSE III, 62.

Dec. 20	3 4 4.97	8.0
21	4.88	

ζ ARIETIS.

1859.	h. m. s.	Mag.
Feb. 10	3 6 51.38	
Dec. 8	51.46	

WEISSE III, 114.

Feb. 7	3 7 15.41	
Dec. 26	15.48	8.0

(*), + 23° 52′.

Dec. 23	3 7 26.87

(*), + 17° 1′.

Jan. 4	3 9 18.35

WEISSE III, 168.

Jan. 8	3 10 8.27	8.0

WEISSE (2) III, 216.

Nov. 12	3 10 25.15	
Dec. 21	25.08	8.0

WEISSE III, 224.

Dec. 23	3 13 2.17	8.5

τ¹ ARIETIS.

Feb. 7	3 13 8.98
10	8.82

α PERSEI.

Jan. 4	3 14 20.72
Apr. 4	20.72
Nov. 12	20.68
Dec. 8	20.57
16	20.79
20	20.76
26	20.66

RUMKER 849.

Feb. 5	3 16 2.68

WEISSE (2) III, 351.

Dec. 21	3 16 43.77	9.0

WEISSE III, 299.

Dec. 20	3 17 38.90	9.0

B. A. C. 1063.

Dec. 16	3 18 51.07

WEISSE (2) III, 393.

Jan. 4	3 19 3.91	7.5
8	3.91	

ξ TAURI.

Feb. 5	3 19 35.94
7	35.11
Nov. 12	35.08

Hosted by Google

RUMKER 870.

1859.	h. m. s.	Mag.
Dec. 23	3 21 47.99	8.0

(*), + 9° 28′.

Dec. 20	3 21 50.95	9.0

RUMKER 879.

Feb. 10	3 22 53.19	8.0
Dec. 21	55.25	8.0

f TAURI.

Feb. 7	3 23 8.83	

WEISSE (2) III, 493.

Dec. 21	3 23 44.13	8.0

WEISSE III, 442.

Nov. 12	3 25 13.40	7.0
Dec. 16	13.44	

WEISSE III, 447.

Dec. 23	3 25 35.34	7.5

WEISSE III, 474.

Dec. 20	3 26 46.68	9.0
21	46.57	8.5

9 TAURI.

Feb. 7	3 28 44.34	
10	44.35	
Dec. 8	44.32	

B. A. C. 1110.

Nov. 12	3 29 36.38	

WEISSE (2) III, 639.

Jan. 8	3 30 8.16	8.0
Feb. 5	8.17	8.0

11 TAURI.

Feb. 7	3 32 24.78	
10	24.89	

RUMKER 940.

Dec. 20	3 34 22.22	9.0
21	22.24	8.0

17 TAURI.

Feb. 10	3 36 33.99	
Sept. 18	34.02	
Dec. 8	34.02	
9	34.09	

24 TAURI.

Jan. 18	3 39 1.96	
Feb. 10	1.97	
Dec. 9	2.04	
20	1.99	

(*), +11° 15′.

1859.	h. m. s.	Mag.
Jan. 8	3 39 8.23	8 0

η TAURI.

Jan. 18	3 39 10.04	
Feb. 10	10.01	
Sept. 18	10.04	
Nov. 12	10.03	
Dec. 8	10.02	
9	10.02	
20	10.01	
23	10.13	

(*), +15° 9′.

Dec. 21	3 40 46.18	

WEISSE III, 781.

Feb. 5	3 41 9.77	8.5
7	9.79	

WEISSE (2) III, 1013.

Dec. 20	3 46 35.77	

WEISSE (2) III, 1019.

Dec. 20	3 46 52.51	

WEISSE (2) III, 1030.

Jan. 19	3 47 38.75	
Feb. 7	38.81	

WEISSE III, 924.

Jan. 8	3 47 51.99	8.0

WEISSE (2) III, 1041.

Nov. 12	3 48 27.08	7.5
Dec. 9	27.15	7.5

WEISSE III, 965.

Jan. 18	3 49 55.28	7.5
Feb. 10	55.26	7.5

γ^1 ERIDANI.

Jan. 19	3 51 29.89	
Feb. 5	29.94	
Dec. 20	29.86	

B. A. C. 1244.

Jan. 18	3 54 8.03	
Sept. 18	8.00	

A^1 TAURI.

Feb. 10	3 56 25.28	

(*)+, 16° 15′.

Jan. 19	3 56 39.39	9.0

WEISSE (2) III, 1212.

Dec. 9	3 56 44.97	9.0
16	44.92	9.0

RUMRER 1079.

1859.	h. m. s.	Mag.
Nov. 12	3 57 46.45	8.0

RUMKER 1084.

Nov. 12	3 58 19.48	7.0
Dec. 21	19.61	

WEISSE (2) III, 1266.

Jan. 18	3 58 54.99	
Dec. 20	55.01	

WEISSE (2) III, 1275.

Jan. 18	3 59 29.78	
Dec. 20	29.79	

B. A. C. 1272.

Sept. 18	3 59 58.58	
Dec. 9	58.60	6.5

WEISSE IV, 21.

Jan. 19	4 2 34.69	

o^1 ERIDANI.

Jan. 8	4 5 2.07	
18	2.01	
Feb. 5	2.03	
10	2.05	
Sept. 18	1.95	
Nov. 12	1.98	
Dec. 9	2.02	
16	1.95	
20	2.03	
21	2.06	
23	1.94	

WEISSE (2) IV, 127.

Jan. 19	4 7 20.28	9.0

B. A. C. 1307.

Dec. 23	4 8 43.59	

ω^2 TAURI.

Feb. 10	4 9 3.60	
Dec. 8	3.63	

δ^2 PERSEI.

Sept. 18	4 9 36.05	
Dec. 16	35.99	

(*), +46° 45′.

Jan. 8	4 11 1.33	8.5

WEISSE (2) IV, 220.

Dec. 9	4 11 19.67	7.0

B. A. C. 1334.

Nov. 12	4 12 38.53	
Dec. 23	38.56	

δ^1 TAURI.

1859.	h. m. s.	Mag.
Feb. 10	4 14 51.82	

63 TAURI.

Jan. 8	4 15 23.23	

B. A. C. 1351.

Feb. 5	4 15 26.61	

WEISSE (2) IV, 325.

Jan. 19	4 15 44.24	8.5
Dec. 16	44.38	8.5
20	44.34	

WEISSE (2) IV, 330.

Dec. 21	4 15 56.07	7.5

70 TAURI.

Nov. 12	4 17 37.96	7.0

v^1 TAURI.

Feb. 10	4 17 56.02	
Sept. 18	56.08	
Dec. 8	56.07	
9	56.10	

ε TAURI.

Jan. 8	4 20 26.67	
17	26.70	
18	26.61	
19	26.58	
Feb. 5	26.60	
10	26.67	
Dec. 8	26.72	
9	26.67	
10	26.68	
16	26.72	
20	26.67	
21	26.67	
23	26.69	

LALANDE 8479.

Nov. 12	4 22 18.10	8.0

RUMKER 1235.

Jan. 19	4 24 49.81	

B. A. C. 1408.

Feb. 5	4 25 52.53	

WEISSE (2) IV, 538.

Jan. 18	4 25 17.56	9.0

WEISSE (2) IV, 562.

Dec. 20	4 26 20.29	

WEISSE (2) IV, 579.

Dec. 21	4 27 16.74	8.5

Hosted by Google

α Tauri.

1859.	h. m. s.	Mag.
Jan. 8	4 27 53.44	
15	53.46	
17	53.38	
Feb. 10	53.37	
Sept. 18	53.44	
Dec. 8	53.43	
9	53.45	

υ⁶ Eridani.

Dec. 10	4 28 1.01	

Weisse (2) IV, 606.

Jan. 19	4 28 27.39	
Nov. 12	27.41	8.0

Weisse (2) IV, 669.

Jan. 18	4 30 50.98	8.5
Dec. 21	51.04	9.0

Weisse IV, 728.

Jan. 19	4 33 44.87	9.0
26	44.92	9.0

τ Tauri.

Jan. 15	4 33 50.76	
Feb. 10	50.65	
Sept. 18	50.67	
Dec. 8	50.79	
9	50.74	

Weisse IV, 732.

Jan. 18	4 34 0.88	9.0
Dec. 21	0.88	9.0

B. A. C. 1459.

Dec. 10	4 36 39.19	

Weisse IV, 809.

Jan. 19	4 37 33.47	8.0
Nov. 12	33.49	9.0
Dec. 21	33.42	

96 Tauri.

Sept. 18	4 41 43.70	

i Tauri.

Jan. 15	4 43 11.25	
Feb. 5	11.14	
Nov. 12	11.15	

O. Arg. N. 5259.

Jan. 19	4 44 15.55	8.0
Dec. 10	15.66	8.0

Weisse IV, 972.

Jan. 18	4 44 57.90	8.0
Feb. 10	57.83	8.0

B. A. C. 1518.

Nov. 12	4 47 44.06	

ι Aurigæ.

1859.	h. m. s.	Mag.
Jan. 17	4 47 52.78	
24	52.82	
Sept. 18	52.87	
Dec. 9	52.68	
21	52.81	

Weisse (2) IV, 1138.

Jan. 19	4 50 50.50	9.0

Weisse (2) IV, 1165.

Jan. 18	4 51 45.12	
19	45.00	8.5

Weisse (2) IV, 1172.

Jan. 18	4 52 8.73	8.5
19	8.64	9.0

ι Tauri.

Jan. 17	4 54 43.68	
Sept. 18	43.77	
Dec. 9	43.85	

B. A. C. 1555.

Feb. 7	4 56 1.15	

11 Orionis.

Jan. 15	4 56 34.27	
17	34.18	

Weisse (2) IV, 1364.

Jan. 19	4 59 31.07	9.0

ε Leporis.

Jan. 24	4 59 32.05	
Feb. 7	32.21	
10	32.26	
Mar. 1	32.19	
Sept. 18	32.08	
Dec. 9	32.17	
10	32.14	
21	32.09	

103 Tauri.

Nov. 12	4 59 34.70	

15 Orionis.

Feb. 5	5 1 41.29	

Weisse (2) V, 49.

Jan. 18	5 3 39.21	

Weisse (2) V, 111.

Feb. 7	5 5 17.46	

α Aurigæ.

1859.	h. m. s.	Mag.
Jan. 17	5 6 21.00	
24	21.03	
Feb. 5	21.04	
May 6	21.16	
13	20.99	
Sept. 18	21.19	
Nov. 12	21.09	
Dec. 10	21.20	
21	21.13	

β Orionis.

Jan. 17	5 7 48.74	
18	48.77	
19	48.64	
24	48.62	
Feb. 10	48.68	
Mar. 1	48.67	
21	48.70	

n Tauri.

Feb. 7	5 10 51.99	
Mar. 1	51.93	
Nov. 12	52.03	

(*), −13° 19′.

Jan. 19	5 13 7.50	7.0
Feb. 10	7.41	7.0

Weisse (2) V, 451.

Jan. 18	5 16 36.68	8.0

Weisse (2) V, 452.

Jan. 18	5 16 38.59	8.5

β Tauri.

Jan. 24	5 17 26.61	
Feb. 5	26.56	
7	26.56	
Mar. 1	26.52	
Sept. 18	26.63	
Nov. 12	26.58	
Dec. 10	26.64	

Weisse V, 449.

Jan. 19	5 19 12.26	
Feb. 10	12.20	

Weisse (2) V, 647.

Jan. 18	5 22 52.84	9.0

χ Aurigæ.

Dec. 10	5 23 37.10	

δ Orionis.

Jan. 24	5 24 51.32	
29	51.33	
Feb. 5	51.33	
7	51.36	
Mar. 21	51.34	
Sept. 18	51.29	
Nov. 12	51.28	

(*), −13° 37′.

Jan. 19	5 25 54.81	
Feb. 10	54.86	9.0

(*), +31° 51′.

1859.	h. m. s.	Mag.
Jan. 18	5 26 0.98	9.0

α Leporis.

Jan. 24	5 26 33.45	

ε Orionis.

Jan. 24	5 29 6.66	
29	6.64	
Feb. 5	6.64	
7	6.54	
10	6.63	
Mar. 21	6.61	
Nov. 12	6.63	
Dec. 10	6.64	

ζ Tauri.

Sept. 18	5 29 16.66	

Weisse V, 874.

Jan. 19	5 34 20.48	8.0

α Columbæ.

Jan. 24	5 34 34.78	
Nov. 12	34.76	
Dec. 10	34.72	

Weisse (2) V, 1180.

Jan. 29	5 36 26.01	7.0
Feb. 7	25.80	
10	25.77	

131 Tauri.

Jan. 18	5 39 14.76	

(*), −13° 42′.

Feb. 7	5 42 5.01	

136 Tauri.

Nov. 12	5 44 31.69	

B. A. C. 1867.

Dec. 10	5 44 59.82	

Weisse V, 1143.

Feb. 7	5 45 11.09	8.0
10	11.06	

Weisse V, 1176.

Jan. 19	5 46 10.82	

α Orionis.

Jan. 12	5 47 35.58	
24	35.57	
Feb. 1	35.58	
5	35.59	
Mar. 1	(35.49)	
21	35.53	
23	35.53	

Hosted by Google

WEISSE V, 1200.

1859.	h. m. s.	Mag.
Jan. 18	5 47 37.87	
29	37.82	

η LEPORIS.

Feb. 10	5 50 1.74	

(*), −14° 13′.

Jan. 19	5 51 24.01	
Feb. 7	24.00	
10	24.06	

WEISSE V, 1335.

Feb. 10	5 52 27.40	

WEISSE V, 1368.

Jan. 12	5 53 39.28	9.0

WEISSE V, 1372.

Jan. 24	5 53 52.36	
Feb. 10	52.30	8.5

RUMKER 1673.

Jan. 18	5 54 44.81	

χ^3 ORIONIS.

Mar. 1	5 55 10.01	

1 GEMINORUM.

Dec. 10	5 55 36.69	

40 AURIGÆ.

Feb. 5	5 56 55.90	

WEISSE V, 1479.

Jan. 19	5 57 49.63	
24	49.78	
Feb. 7	49.69	

ν ORIONIS.

Jan. 12	5 59 34.73	
18	34.73	
29	34.66	
Feb. 1	34.70	
22	34.73	
Mar. 21	34.64	
Nov. 12	34.75	
Dec. 10	34.71	
11	34.71	

WEISSE V, 1530.

Feb. 10	5 59 42.19	6.0
Mar. 1	42.21	6.0

3 GEMINORUM.

Feb. 5	6 1 13.87	

WEISSE VI, 44.

1859.	h. m. s.	Mag.
Jan. 12	6 2 46.68	7.5
19	46.68	7.5
24	46.65	

WEISSE (2) VI, 79.

Jan. 18	6 4 25.48	9.0
29	25.47	9.0

η GEMINORUM.

Nov. 12	6 6 25.63	
Dec. 10	25.58	
11	25.62	

κ AURIGÆ.

Feb. 1	6 6 27.37	
5	27.35	
22	27.42	

WEISSE VI, 264.

Jan. 12	6 9 34.74	9.0
19	34.66	
24	34.90	

(*), −14° 18′.

Jan. 29	6 12 13.43	8.0
Feb. 10	13.29	

B. A. C. 2039.

Feb. 5	6 12 59.42	

μ GEMINORUM.

Jan. 12	6 14 29.34	
17	29.37	
Feb. 1	29.43	
22	29.46	
Mar. 12	29.38	
26	29.39	
Apr. 4	29.42	
6	29.44	
Nov. 12	29.45	
Dec. 10	29.41	
11	29.42	

WEISSE VI, 544.

Jan. 12	6 18 41.52	7.5
19	41.52	8.5

48 AURIGÆ.

Jan. 17	6 19 34.03	

ν GEMINORUM.

Feb. 1	6 20 38.95	
5	38.99	
22	39.02	
Mar. 12	38.97	

WEISSE (2) VI, 626.

1859.	h. m. s.	Mag.
Feb. 7	6 22 8.05	
10	7.92	

49 AURIGÆ.

Jan. 17	6 26 22.88	
Mar. 12	22.87	

WEISSE VI, 809.

Jan. 19	6 26 56.85	8.0

γ GEMINORUM.

Feb. 21	6 29 37.41	
22	37.44	
Mar. 1	37.46	
Apr. 4	37.43	

α CANIS MAJORIS.

Jan. 17	6 38 58.67	
18	58.70	
Feb. 14	58.79	
Apr. 1	58.69	
4	58.70	
6	58.65	

11 CANIS MAJORIS.

Jan. 19	6 40 27.89	

WEISSE VI, 1351.

Jan. 18	6 44 24.79	8.0
19	24.66	

(*), −14° 25′.

Feb. 10	6 47 8.07	

16 LYNCIS.

Feb. 1	6 47 23.63	
5	23.80	
Mar. 26	23.84	

B. A. C. 2266.

Feb. 26	6 47 59.57	

O. ARG. N. 7442.

Jan. 18	6 50 46.35	8.5

WEISSE VI, 1587.

Feb. 22	6 51 38.97	

WEISSE VI, 1618.

Jan. 19	6 52 40.35	7.5
Feb. 22	40.42	

ε CANIS MAJORIS.

1859.	h. m. s.	Mag.
Jan. 12	6 53 7.49	
17	7.57	
29	7.51	
Feb. 7	7.46	
10	7.39	
21	7.49	
26	7.47	
Mar. 1	7.39	
12	7.52	
23	7.53	
26	7.49	
Apr. 1	7.53	
4	7.46	
6	7.50	

ω GEMINORUM.

Feb. 14	6 53 52.86	
Dec. 11	52.84	

γ CANIS MAJORIS.

Jan. 12	6 57 25.53	
18	25.58	
29	25.49	
Feb. 1	25.50	
7	25.49	
10	25.53	
21	25.53	
22	25.55	
26	25.50	
Mar. 1	25.45	
12	25.59	
23	25.52	
26	25.50	
Apr. 1	25.58	
6	25.56	
Dec. 11	25.57	

PIAZZI O, 328.

Jan. 19	6 59 10.29	

(*), + 22° 36′.

Feb. 21	7 1 19.67	8.0
22	19.70	8.0

τ GEMINORUM.

Jan. 17	7 2 13.43	
Feb. 14	13.57	
Mar. 12	13.47	

WEISSE VII, 63.

Jan. 12	7 3 14.03	8.5

WEISSE VII, 93.

Jan. 19	7 3 58.51	8.0
29	58.47	8.0

51 GEMINORUM.

Mar. 5	7 5 19.80	
Dec. 11	19.81	

(*), − 14° 17′.

Feb. 26	7 6 8.07	

53 GEMINORUM.

Feb. 14	7 7 12.40	

Hosted by Google

(*), − 14° 19′.

1859.	h. m. s.	Mag.
Jan. 12	7 8 2.26	8.5
Feb. 22	2.29	8.5
26	2.19	

WEISSE VII, 250.

Jan. 19	7 8 44.69	
Feb. 22	44.78	7.0
26	44.65	8.0

WEISSE VII, 274.

Jan. 12	7 9 26.78	7.5

O. ARG. N. 7753.

Feb. 21	7 9 36.36	8.5

WEISSE VII, 283.

Jan. 12	7 9 41.45	7.0

λ GEMINORUM.

Feb. 1	7 10 2.62	
Mar. 26	2.73	

WEISSE VII, 316.

Jan. 29	7 10 42.15	7.0

δ GEMINORUM.

Jan. 18	7 11 45.52	
Feb. 14	45.59	
28	45.53	
Mar. 5	45.53	
12	45.53	
23	45.52	
Apr. 1	45.54	
4	45.50	
6	45.53	
9	45.53	
Dec. 11	45.54	

B. A. C. 2432.

Feb. 1	7 14 56.05	
Dec. 11	56.21	7.0

WEISSE VII, 464.

Feb. 26	7 15 37.43	

ι GEMINORUM.

Jan. 17	7 17 1.72	
18	1.55	
Feb. 14	1.77	
Mar. 12	1.62	
26	1.60	
Apr. 4	1.64	
9	1.68	

(*), − 14° 27′.

Feb. 22	7 17 8.34	

(*), + 10° 25′.

Feb. 21	7 17 23.52	9.0
Mar. 1	23.46	9.0

WEISSE VII, 529.

1859.	h. m. s.	Mag.
Jan. 12	7 17 43.32	8.5
Feb. 26	43.21	

(*), − 14° 36′.

Jan. 19	7 18 42.92	
29	42.89	
Feb. 22	42.99	
26	42.89	

WEISSE VII, 551.

Mar. 5	7 18 44.69	

(*), + 10° 23′.

Mar. 1	7 19 39.21	9.0

ρ GEMINORUM.

Feb. 1	7 20 5.90	

b^2 GEMINORUM.

Feb. 28	7 21 5.99	
Mar. 12	5.95	

WEISSE VII, 756.

Jan. 29	7 24 57.14	9.0
Feb. 21	57.20	8.5

a^2 GEMINORUM.

Feb. 14	7 25 39.73	
Mar. 23	39.71	
Apr. 1	39.64	
6	39.62	

WEISSE VII, 816.

Feb. 22	7 27 4.60	9.0
Mar. 1	4.56	9.0

υ GEMINORUM.

Jan. 17	7 27 17.51	
18	17.40	
Feb. 1	17.33	
28	17.50	
Mar. 12	17.43	
Apr. 9	17.49	
Dec. 11	17.44	

WEISSE VII, 835.

Feb. 26	7 27 22.05	8.5
Mar. 5	22.10	6.5

WEISSE VII, 871.

Jan. 12	7 28 29.90	8.5

WEISSE VII, 968.

Jan. 29	7 31 47.07	
Feb. 21	47.15	

α CANIS MINORIS.

1859.	h. m. s.	Mag.
Jan. 17	7 31 58.42	
Feb. 14	58.51	
22	58.38	
26	58.30	
Mar. 5	58.35	
9	58.28	
12	58.33	
23	58.35	
26	58.34	
Apr. 1	58.44	
4	58.37	
6	58.36	
9	58.41	
June 1	58.35	

WEISSE VII, 1053.

Feb. 21	7 34 37.68	
Mar. 1	37.66	9.0

(*), − 14° 18′.

Jan. 12	7 35 6.91	8.0

κ GEMINORUM.

Jan. 17	7 35 59.48	
18	59.47	
Feb. 1	59.33	
Mar. 26	59.52	
Dec. 11	59.49	

β GEMINORUM.

Feb. 14	7 36 44.70	
28	44.69	
Mar. 5	44.63	
9	44.62	
12	44.55	
23	44.66	
Apr. 1	44.69	
4	44.71	
6	44.64	
9	44.70	
June 1	44.62	

WEISSE VII, 1181.

Jan. 12	7 39 2.38	7.5
29	2.21	7.5
Feb. 22	2.33	7.5

WEISSE VII, 1182.

Jan. 12	7 39 2.80	
19	2.76	
29	2.70	7.0
Feb. 22	2.80	7.0

RUMKER 2282.

Feb. 21	7 39 28.79	8.5
Mar. 1	28.64	9.0

(*), − 14° 25′.

Mar. 12	7 41 0.10	

(*), − 14° 15′.

Mar. 5	7 42 33.41	8.5
9	33.44	

B. A. C. 2599.

1859.	h. m. s.	Mag.
Mar. 23	7 43 8.96	

B. A. C. 2605.

Jan. 18	7 43 48.00	
Mar. 1	47.93	

ξ NAVIS.

Mar. 23	7 43 24.44	

φ GEMINORUM.

Feb. 28	7 44 55.45	
Mar. 12	55.41	
26	55.36	
Apr. 9	55.48	
Dec. 11	55.43	

(*), + 20° 32′.

Mar. 5	7 45 58.61	9.0
16	58.51	9.0

WEISSE (2) VII, 1212.

Jan. 29	7 46 27.97	7.5
Feb. 21	28.32	8.0

85 GEMINORUM.

Feb. 22	7 47 29.39	
26	29.40	

1 CANCRI.

Feb. 28	7 49 2.30	
Mar. 26	2.32	

O. ARG. S. 7669.

Apr. 4	7 49 53.11	

B. A. C. 2651.

Apr. 4	7 50 47.92	

54 CAMELOPARDI.

Dec. 11	7 51 10.10	

B. A. C. 2655.

Mar. 12	7 52 5.34	
23	5.43	
Apr. 4	5.29	

3 CANCRI.

Mar. 26	7 52 45.69	

O. ARG. N. 8531.

Feb. 21	7 53 42.24	8.0
22	42.31	7.5

Hosted by Google

6 Cancri.

1859.	h. m. s.	Mag.
Jan. 12	7 54 54.83	
17	54.82	
18	54.80	
19	54.80	
Feb. 14	54.89	
28	54.82	
Mar. 5	54.81	
9	54.79	
12	54.80	
16	54.84	
Apr. 1	54.84	
6	54.82	
9	54.87	
Dec. 11	54.82	

Rumker 2390.

Jan. 29	7 56 52.55	
Feb. 26	52.47	7.0
Mar. 1	52.54	

Weisse (2) VIII, 1659.

Feb. 21	8 0 9.66	9.0
22	9.63	9.0
Mar. 12	9.68	9.0

Weisse (2) VIII, 1669.

Mar. 5	8 0 28.43	9.0
12	28.51	9.0

12 Cancri.

Jan. 18	8 0 52.81
Mar. 26	52 79

ψ^3 Cancri.

Feb. 14	8 2 0.92

ρ Argus.

Jan. 12	8 1 34.97
17	34.94
19	34.99
Feb. 26	34.89
28	34.98
Mar. 1	35.02
9	34.97
16	34.95
23	34.94
Apr. 1	34.93
4	34.99
6	34.97
9	34.92
Dec. 11	35.03

ζ^1 Cancri.

Jan. 18	8 4 10.75
19	10.74
Mar. 9	10.74
26	10.75

ζ^2 Cancri.

Mar. 9	8 4 11.00

Lalande 16130.

Jan. 29	8 7 54.63	7.0
Feb. 22	54.56	8.0

30 Lyncis.

1859.	h. m. s.	Mag.
Mar. 5	8 9 6.27	

B. A. C. 2788.

Jan. 12	8 12 10.82
29	10.71
Feb. 21	10.66
26	10.67
28	10.74
Mar. 12	10.70

λ Cancri.

Jan. 18	8 12 12.37
19	12.36
Feb. 14	12.37
Mar. 9	12.35
26	12.35

Weisse (2) VIII, 309.

Feb. 22	8 14 5.89	
Mar. 5	5.88	

21 Cancri.

Feb. 21	8 16 15.62
28	15.62
Mar. 9	15.58
12	15.64
26	15.59

O. Arg. N. 8953.

Feb. 26	8 17 13.86

υ Cancri, (1st *.)

Jan. 12	8 18 19.84	
29	19.75	7.0

υ Cancri, (2d *.)

Jan. 29	8 18 20.12	7.5

B. A. C. 2827.

Apr. 4	8 19 1.11
6	1.11

Rumker 2533.

Feb. 21	8 21 20.96	
22	20.95	9.0

O. Arg. N. 9050.

Mar. 5	8 22 17.13	8.0
9	17.28	

υ^3 Cancri.

Apr. 6	8 23 13.50

θ Cancri.

Feb. 28	8 23 36.53

B. A. C. 2855.

Mar. 12	8 23 48.16

Weisse VIII, 618.

1859.	h. m. s.	Mag.
Feb. 21	8 24 26.55	
22	26.55	9.0

η Cancri.

Jan. 12	8 24 36.45
18	36.48
19	36.45
29	36.45
Feb. 26	36.46
Mar. 16	36.46
26	36.45

B. A. C. 2883.

Apr. 4	8 27 23.63
6	23.63

Weisse VIII, 736.

Feb. 21	8 28 46.11
Mar. 9	46.15

Weisse VIII, 738.

Feb. 22	8 28 50.06	8.5

B. A. C. 2892.

Mar. 5	8 28 54.03

B. A. C. 2898.

Apr. 4	8 29 32.54
6	32.56

B. A. C. 2912.

Jan. 29	8 31 36.92
Feb. 26	36.81
28	36.95

Weisse VIII, 828.

Feb. 21	8 32 11.20	7.5
22	11.22	
Mar. 9	11.28	7.5

γ Cancri.

Jan. 18	8 35 10.76
19	10.72
Feb. 16	10.66
Mar. 5	10.76
12	10.70
16	10.75
25	10.73
26	10.72

δ Cancri.

Jan. 19	8 36 43.38

σ^1 Cancri.

Feb. 26	8 36 45.47
28	45.56

Weisse VIII, 999.

Feb. 21	8 39 6.07	9.0
Mar. 9	6.12	9.0

ε Hydræ.

1859.	h. m. s.	Mag.
Jan. 12	8 39 21.67	
18	21.62	
29	21.57	
Feb. 16	21.55	
22	21.56	
28	21.59	
Mar. 16	21.52	
25	21.60	
26	21.58	
Apr. 4	21.57	
6	21.55	

Weisse VIII, 1012, (2d *.)

Mar. 12	8 39 32.36	8.5

54 Cancri.

Feb. 21	8 43 13.32
22	13.31

52 Cancri.

Apr. 4	8 43 20.40
6	20.39

6 Ursæ Majoris.

Mar. 5	8 44 34.74
26	34.35

ρ^3 Cancri.

Jan. 18	8 47 16.00
19	16.05

59 Cancri.

Feb. 28	8 48 17.70
Mar. 25	17.73

(*), $-13° 31'$.

Feb. 22	8 48 20.68	9.5

Lalande 17647.

Feb. 22	8 49 6.59	8.0
Mar. 9	6.45	8.0

ι Ursæ Majoris.

Feb. 16	8 49 36.15
26	36.19
Mar. 16	36.27
Apr. 4	36.39
6	36.32

O. Arg. N. 9460.

Mar. 12	8 49 41.28	8.5

α Cancri.

Jan. 19	8 50 49.62

Weisse VIII, 1367.

Feb. 21	8 53 14.61	9.0
Mar. 5	14.68	9.0
9	14.68	9.0

Hosted by Google

68 Cancri.

1859.	h. m. s.	Mag.
Mar. 26	8 53 51.95	

κ Ursæ Majoris.

Mar. 16	8 54 3.07	
25	3.10	

(*), +6° 12′.

Feb. 28	8 54 7.63	

B. A. C. 3082.

Apr. 4	8 55 7.06	
6	7.04	

B. A. C. 3091.

Apr. 9	8 56 36.45	7.0

Weisse VIII, 1476.

Feb. 22	8 58 0.58	8.0
Mar. 12	0.55	8.5

B. A. C. 3104.

Apr. 6	8 58 35.22	

B. A. C. 3107.

Apr. 6	8 58 59.31	

κ Cancri.

Feb. 16	9 0 9.59	

Weisse VIII, 1529.

Feb. 21	9 0 34.56	6.5
26	34.63	8.5
Mar. 12	34.59	7.5
26	34.55	7.5

ξ Cancri.

Jan. 18	9 1 18.10
19	18.28
Mar. 16	18.27
31	18.18

79 Cancri.

Apr. 9	9 2 17.89

B. A. C. 3127.

Mar. 9	9 3 36.96	7.0

36 Lyncis.

Feb. 21	9 4 37.87
22	37.92

B. A. C. 3138.

Feb. 28	9 5 37.11
Mar. 26	37.10

π² Cancri.

1859.	h. m. s.	Mag.
Feb. 16	9 7 29.86	

Weisse (2) IX, 160.

Mar. 12	9 8 37.16	
Apr. 9	37.30	8.5

83 Cancri.

Jan. 18	9 11 9.75
19	9.74
Feb. 16	9.70
21	9.71
22	9.65
26	9.68
28	9.73
Mar. 5	9.77
9	9.73
10	9.66
16	9.74
25	9.67
31	9.72
Apr. 4	9.61

O. Arg. N. 9842.

Mar. 12	9 15 9.73	7.5
Apr. 9	9.72	7.0

B. A. C. 3201.

Feb. 21	9 15 58.37
22	58.43

B. A. C. 3206.

Feb. 26	9 16 52.17
Mar. 23	52.20
Apr. 4	52.28

Weisse (2) IX, 377.

Mar. 5	9 18 7.46	9.0
9	7.37	9.0

Weisse (2) IX, 383.

Mar. 5	9 18 19.29	9.5
9	19.27	

α Hydræ.

Feb. 16	9 20 42.51
21	42.47
22	42.46
28	42.48
Mar. 10	42.44
12	42.48
16	42.47
23	42.45
25	42.42
May 4	42.45
13	42.42

Weisse (2) IX, 478.

Apr. 9	9 23 3.91	9.0

θ Ursæ Majoris.

Feb. 26	9 23 28.16
28	28.31
Apr. 4	28.27
6	28.35
May 13	28.20

ξ Leonis.

1859.	h. m. s.	Mag.
Feb. 16	9 24 23.78	
Mar. 31	23.83	5.5

9 Leonis Minoris.

Feb. 21	9 24 53.89

Weisse IX, 563.

Mar. 5	9 26 6.06	9.0
9	5.99	9.0
10	5.97	9.0

Weisse IX, 579.

Mar. 12	9 26 48.43	9.0
Apr. 9	48.53	9.0

33 Hydræ.

Mar. 23	9 27 33.44
Apr. 4	33.41
6	33.42

Weisse (2) IX, 650.

Mar. 9	9 30 45.37	9.0
31	45.36	9.0

2 Sextantis.

Feb. 28	9 31 8.96
Mar. 16	8.92
Mar. 25	9.01

(*), +21° 49′.

Mar. 9	9 31 9.14	9.5

Weisse (2) IX, 660.

Mar. 10	9 31 17.65	9.0
Apr. 9	17.72	9.0

Weisse (2) IX, 662.

Mar. 9	9 31 19.51	8.5
31	19.57	8.5

o Leonis.

Mar. 5	9 33 40.51

B. A. C. 3318.

Mar. 10	9 35 31.77	7.0
25	31.79	

ε Leonis.

Jan. 19	9 37 53.89
Feb. 16	53.82
21	53.83
Mar. 5	53.86
23	53.85
31	53.90
Apr. 4	53.87
6	53.91
7	53.86
12	53.85
May 4	53.85
13	53.82

(*), +17° 44′.

1859.	h. m. s.	Mag.
Mar. 31	9 39 19.36	9.0

15 Leonis Minoris.

Feb. 28	9 39 32.54

Weisse (2) IX, 831.

Mar. 9	9 39 45.27
10	45.11

B. A. C. 3345.

Mar. 12	9 40 1.41	6.0
16	1.42	
25	1.40	

Weisse IX, 887.

Apr. 9	9 41 20.18	9.0

20 Leonis.

Apr. 7	9 41 59.65
12	59.60

23 Leonis.

Mar. 23	9 43 27.17
Apr. 6	27.17

Weisse (2) IX, 96.

Mar. 5	9 45 40.28	9.0
9	40.34	9.0
10	40.26	

Rumker 2981.

Mar. 12	9 45 43.77	9.0

Weisse (2) IX, 966.

Feb. 21	9 45 55.85	7.5

Weisse IX, 998.

Mar. 25	9 46 29.64	8.0

19 Leonis Minoris.

Feb. 28	9 49 5.74

Weisse (2) IX, 1047.

Mar. 12	9 49 19.27	9.0
31	19.36	

ν Leonis.

Jan. 19	9 50 41.29
Mar. 16	41.29
Apr. 12	41.29

Weisse (2) IX, 1086.

Mar. 10	9 51 24.24	7.5
25	24.48	

Hosted by Google

π Leonis.

1859.	h. m. s.	Mag.
Feb. 21	9 52 48.69	
28	48.71	
Mar. 5	48.76	
9	48.70	
23	48.84	
31	48.72	
Apr. 7	48.76	

Weisse IX, 1204.

Mar. 25	9 56 15.68	7.5
Apr. 7	15.81	7.0
9	15.83	7.0

Rumker 3061.

Mar. 10	9 57 22.62	8.5
12	22.62	

Weisse (2) IX, 1214.

Mar. 5	9 57 27.58	
9	27.50	

B. A. C. 3439.

Feb. 28	9 57 33.21	

Weisse IX, 1259.

Mar. 31	9 59 5.62	8.0

η Leonis.

Jan. 19	9 59 41.73	

α Leonis.

Feb. 16	10 0 54.77	
21	54.78	
Mar. 9	54.71	
12	54.71	
16	54.74	
23	54.76	
25	54.72	
Apr. 6	54.75	
7	54.78	
9	54.78	
12	54.75	
May 4	54.74	
13	54.74	

(*), +21° 1′.

Mar. 10	10 2 15.69	7.5

B. A. C. 3468.

Feb. 28	10 2 54.17	

Weisse X, 45.

Mar. 5	10 4 5.76	8.0
31	5.75	8.0

Weisse (2) X, 106.

Mar. 9	10 5 23.03	8.0
25	23.00	8.0

Weisse X, 76.

Apr. 7	10 5 57.81	9.0

B. A. C. 3489.

1859.	h. m. s.	Mag.
Mar. 23	10 6 53.16	

23 Leonis Minoris.

Feb. 28	10 8 16.63	
Apr. 12	16.69	

Weisse X, 173.

Apr. 7	10 10 56.18	

γ^1 Leonis.

Jan. 19	10 12 14.93	
Feb. 16	14.93	
21	14.87	
Mar. 16	14.90	
23	14.85	
Apr. 9	14.92	
12	14.93	
16	14.93	
May 13	14.97	

(*), — 3° 37′.

Mar. 9	10 13 2.63	8.0

Weisse X, 224.

Mar. 10	10 13 41.61	8.0
25	41.63	8.0

Weisse X, 229.

Mar. 10	10 14 4.25	7.5
25	4.22	7.5

26 Leonis Minoris.

Feb. 28	10 14 58.35	

Weisse X, 276.

Apr. 7	10 16 54.45	7.5

30 Leonis Minoris.

Mar. 31	10 17 52.67	

Weisse (2) X, 360.

Mar. 9	10 18 49.43	9.0

Weisse X, 316.

Mar. 10	10 19 1.02	7.5
Apr. 16	1.08	7.0

B. A. C. 3566.

Mar. 23	10 19 16.43	

26 Sextantis.

Mar. 23	10 19 27.82	

45 Leonis.

Mar. 16	10 20 14.91	
Apr. 12	15.15	

B. A. C. 3576.

1859.	h. m. s.	Mag.
Mar. 23	10 20 25.93	

Weisse (2) X, 412.

Mar. 25	10 21 9.73	7.0

32 Leonis Minoris.

Feb. 28	10 21 55.31	

Weisse X, 377.

Apr. 7	10 21 55.75	9.0

ρ Leonis.

Jan. 19	10 25 26.22	
Feb. 16	26.22	
Mar. 9	26.21	
10	26.27	
16	26.18	
31	26.19	
Apr. 4	26.21	
12	26.26	
16	26.23	
May 13	26.26	

34 Leonis Minoris.

Feb. 28	10 25 29.90	

Lamont's Z., 33.

Mar. 5	10 27 20.17	
25	20.18	8.0

B. A. C. 3627.

Mar. 23	10 28 18.10	
Apr. 4	17.87	

Weisse X, 538.

Mar. 9	10 30 27.73	9.0

Weisse X, 548.

Mar. 9	10 30 47.88	9.0

37 Leonis Minoris.

Mar. 10	10 30 49.87	

Weisse (2) X, 660.

Apr. 12	10 32 35.55	7.0

(*), — 11° 28′.

Apr. 16	10 34 1.65	8.5

Weisse X, 618.

Mar. 10	10 34 54.45	7.5
Apr. 7	54.53	8.0

B. A. C. 3671.

Feb. 28	10 35 47.79	
Mar. 31	47.82	

B. A. C. 3674.

1859.	h. m. s.	Mag.
Mar. 23	10 36 9.61	
Apr. 1	9.64	
4	9.40	

Weisse X, 656.

Apr. 7	10 37 3.39	8.0

37 Sextantis.

Mar. 9	10 38 48.20	
Apr. 12	48.21	

Weisse X, 702.

Mar. 25	10 39 59.56	8.0

l Leonis.

Mar. 10	10 41 53.67	6.0
23	53.79	
Apr. 1	53.73	
4	53.65	
12	53.77	
16	53.76	
28	53.71	
May 2	53.73	

44 Leonis Minoris.

Feb. 28	10 42 11.51	
Mar. 31	11.56	

Weisse X, 757.

Apr. 7	10 42 37.05	9.0

Weisse X, 822.

Mar. 25	10 45 29.00	8.5
May 5	28.96	8.5

Weisse X, 837.

Mar. 25	10 46 19.39	9.0
Apr. 12	19.46	8.0
May 5	19.48	9.0

b^3 Hydræ.

Mar. 23	10 46 38.68	
Apr. 1	38.66	
4	38.42	

47 Leonis Minoris.

Feb. 28	10 47 10.45	
Mar. 31	10.57	

Weisse X, 859.

Mar. 10	10 47 25.31	8.0
Apr. 7	25.36	

Weisse (2) X, 961.

Mar. 5	10 47 57.76	9.0

B. A. C. 3741.

Apr. 28	10 47 58.54	

Hosted by Google

LALANDE 21026.

1859.	h. m. s.	Mag.
Mar. 10	10 48 57.28	8.0
Apr. 7	57.30	

WEISSE X, 914.

May 2	10 50 52.80	8.0

O. ARG. N. 11325.

Mar. 25	10 52 57.43	7.0
31	57.59	

c LEONIS.

Apr. 28	10 53 29.36
May 4	29.32

B. A. C. 3773.

Mar. 23	10 53 53.50

a URSÆ MAJORIS.

Feb. 28	10 55 3.18
Mar. 5	3.52
9	3.55
10	3.42
Apr. 1	3.56
4	3.47
12	3.30
16	3.07

WEISSE X, 987.

Apr. 7	10 55 14.83	8.0
May 5	14.78	8.0

B. A. C. 3779.

Mar. 23	10 56 4.73

χ LEONIS.

Mar. 25	10 57 47.54
31	47.60
Apr. 28	47.58
May 2	47.61
4	47.62
5	47.61

(*), +36° 12′.

Apr. 7	11 0 52.43

B. A. C. 3811.

May 2	11 1 36.46
4	36.51
7	36.49

ψ URSÆ MAJORIS.

Feb. 28	11 1 46.70

WEISSE (2) XI, 6.

Mar. 9	11 2 18.23
10	17.97

RUMKER 3457.

1859.	h. m. s.	Mag.
Mar. 31	11 3 14.28	7.5
Apr. 16	14.31	7.0

δ LEONIS.

Feb. 28	11 6 39.42
Mar. 5	39.41
9	39.48
10	39.48
23	39.42
25	39.40
Apr. 28	39.49
May 2	39.44
4	39.51
5	39.50
7	39.49

B. A. C. 3837.

Apr. 7	11 6 45.21
12	45.20

ξ URSÆ MAJORIS, (1st *.)

Mar. 31	11 10 42.17
Apr. 12	42.28
16	42.32

ξ URSÆ MAJORIS, (2d *.)

Apr. 12	11 10 42.60
16	42.60

δ CRATERIS.

Feb. 28	11 12 20.59
Mar. 5	20.58
9	20.60
10	20.60
23	20.65
25	20.60
Apr. 1	20.58
7	20.55
28	20.60
May 2	20.57
4	20.59
5	20.57
7	20.59

WEISSE XI, 234.

Mar. 31	11 14 25.60	8.0
Apr. 12	25.62	7.5

80 LEONIS.

Mar. 10	11 18 38.26	6.5
25	38.26	

WEISSE XI, 318.

May 4	11 18 51.24	7.0

WEISSE (2) XI, 340.

Apr. 16	11 18 52.48	8.0
May 2	52.44	8.0

WEISSE (2) XI, 344.

Mar. 31	11 19 6.38	8.0
Apr. 12	6.48	
28	6.50	8.0
May 2	6.46	8.0

RUMKER 3575.

1859.	h. m. s.	Mag.
May 5	11 19 11.21	9.5

WEISSE XI, 381.

Mar. 25	11 22 25.88	7.0
31	25.88	7.0
May 7	25.97	7.0

86 LEONIS.

Apr. 28	11 23 10.45

B. A. C. 3917.

Apr. 1	11 24 11.38

RUMKER 3615.

Mar. 10	11 24 12.99	6.5
Apr. 7	13.04	7.0
12	13.05	6.0

WEISSE XI, 412.

Apr. 16	11 24 26.51	8.0
May 4	26.50	8.5

RUMKER 3636.

May 7	11 26 51.06	8.0

WEISSE (2) XI, 490.

May 2	11 26 51.94

WEISSE XI, 468.

Apr. 28	11 27 36.95	8.0

WEISSE (2) XI, 511.

Mar. 25	11 27 45.40	9.0
May 5	45.48	

LEONIS.

Mar. 10	11 29 46.86
Apr. 1	46.81

WEISSE (2) XI, 592.

Mar. 31	11 31 10.12	8.5

WEISSE (2) XI, 600.

Mar. 25	11 31 24.67	8.0
May 7	24.89	

(*), +20° 53′.

May 2	11 32 56.96	10.0

RUMKER 3697.

May 4	11 34 48.76	8.0

RUMKER 3706.

Mar. 25	11 35 26.76	8.0
Apr. 7	26.84	

WEISSE XI, 618.

1859.	h. m. s.	Mag.
Mar. 5	11 35 39.82	9.0
7	39.91	9.0

B. A. C. 3973.

Apr. 30	11 36 11.97

RUMKER 3715.

Apr. 12	11 36 33.81	
16	33.80	
28	33.88	7.5

WEISSE (2) XI, 746.

May 2	11 38 5.17	8.0
4	5.18	8.0

WEISSE (2) XI, 786.

Mar. 25	11 40 13.19	8.0
Apr. 7	13.26	7.5

WEISSE (2) XI, 816.

Apr. 28	11 41 48.32

β LEONIS.

Mar. 31	11 41 54.92
Apr. 1	54.98
6	54.85
16	54.93
30	54.90
May 3	54.97

WEISSE (2) XI, 822.

May 4	11 42 0.66	
5	0.70	7.0

WEISSE (2) XI, 838.

May 7	11 42 51.90	9.0

GROOMBRIDGE 1830.

May 2	11 44 53.57	6.5

WEISSE (2) XI, 889.

Mar. 25	11 45 58.37	8.5
Apr. 7	58.47	7.5

γ URSÆ MAJORIS.

Apr. 6	11 46 27.02

B. A. C. 4020.

Apr. 1	11 46 42.52

65 URSÆ MAJORIS.

May 3	11 47 47.97	7.5
4	47.99	7.0

Hosted by Google

B. A. C. 4028.

1859.	h. m. s.	Mag.
May 5	11 48 53.61	7.0
7	53.66	7.0

Weisse (2) XI, 1011.

Mar. 25	11 51 54.21	8.5
31	54.23	8.5

π Virginis.

Apr. 7	11 53 41.85
28	41.94
30	41.87

Weisse XI, 921.

May 5	11 53 50.98	8.5

1 Comæ.

Apr. 12	11 54 33.80
May 3	33.82

Weisse XI, 947.

May 4	11 55 35.50	9.5
5	35.51	9.0
7	35.39	9.0

Weisse (2) XI, 1110.

Mar. 25	11 56 51.15	7.5
31	51.16	7.5

B. A. C. 4070.

May 2	11 57 37.32

o Virginis.

Apr. 28	11 58 4.63
30	4.65
June 7	4.62

Weisse XI, 1023.

May 4	12 0 32.82	9.0
5	32.73	9.0
7	32.76	

11 Virginis.

Mar. 25	12 2 55.18
31	55.24

ε Corvi.

Apr. 12	12 2 55.68
28	55.74
29	55.58
May 3	55.68
6	55.66
12	55.75
June 7	55.65

B. A. C. 4104.

Apr. 30	12 4 30.49

Weisse XII, 53.

1859.	h. m. s.	Mag.
May 4	12 4 48.84	9.0
5	48.83	9.0

Weisse XII, 63.

May 7	12 5 8.44	8.0

Weisse XII, 119.

Mar. 25	12 8 41.78	
31	41.73	9.0

Weisse XII, 130.

Apr. 16	12 9 18.64	8.5
May 2	18.70	8.0
4	18.62	8.5

Weisse XII, 160.

May 5	12 11 0.28	9.0

13 Virginis.

Apr. 28	12 11 29.72
May 3	29.72
13	29.56
24	29.68

η Virginis.

Mar. 25	12 12 44.61
31	44.64
Apr. 12	44.65
16	44.54
29	44.52
30	44.63
May 3	44.62
6	44.62
13	44.60
24	44.62
June 7	44.63
9	44.54

Rumker 3911.

May 7	12 12 47.31	7.5

Weisse XII, 221.

May 4	12 14 21.20	9.0
5	21.22	9.5

17 Virginis.

Apr. 28	12 15 24.97	6.5
May 2	24.93	7.0

4 Canum Venaticorum.

May 12	12 16 53.41

Weisse (2) XII, 356.

May 3	12 17 28.02	8.5
7	27.95	

Rumker 3966.

Mar. 25	12 18 46.15	7.5
31	46.13	8.0

(*), −6° 48′.

1859.	h. m. s.	Mag.
May 24	12 20 29.08	9.0

Weisse (2) XII, 424.

Apr. 12	12 20 33.70	8.0
16	33.61	8.5
May 2	33.72	8.5
4	33.64	8.5

Weisse XII, 335.

Apr. 28	12 20 47.25	8.0
May 24	47.14	8.0

Weisse (2) XII, 446.

May 3	12 21 46.56	8.5
5	46.55	8.5
7	46.57	8.5

Weisse (2) XII, 478.

Mar. 25	12 22 55.70	8.0
31	55.74	

7 Canum Venaticorum.

Apr. 30	12 23 24.88
May 12	24.98
June 7	24.79

Weisse XII, 409.

May 5	12 24 43.67	8.0

Weisse (2) XII, 526.

May 2	12 25 8.67	8.5
4	8.61	8.5

Weisse XII, 416.

May 5	12 25 14.52	9.0
24	14.39	9.0

Weisse XII, 433.

May 3	12 26 28.79	8.5

q Virginis.

Apr. 16	12 26 33.30

β Corvi.

Apr. 12	12 27 2.19
29	2.26
May 6	2.18
7	2.25
13	2.23
June 7	2.27
11	2.22

B. A. C. 4241.

Apr. 30	12 28 4.99	7.5

Weisse (2) XII, 599.

Mar. 25	12 28 8.14	6.5
31	8.16	6.0

f Virginis.

1859.	h. m. s.	Mag.
May 12	12 29 34.71	
13	34.74	

Weisse XII, 515.

May 2	12 31 23.03	8.5
3	23.00	8.5

Weisse XII, 519.

May 4	12 31 32.21	7.5
5	32.22	8.0

Weisse XII, 525.

May 5	12 31 57.61	9.0
24	57.65	

Weisse XII, 549.

May 7	12 33 26.71	7.5

γ^1 Virginis.

Mar. 25	12 34 33.99
31	34.02
Apr. 12	34.00
16	33.91
29	34.11
30	33.97
May 6	33.98
26	33.96
June 7	34.01
9	33.94
11	34.02

γ^2 Virginis.

June 11	12 34 34.07

28 Virginis.

May 12	12 34 43.35
13	43.32

Weisse XII, 580.

May 2	12 35 0.53	8.5
3	0.54	8.5

Weisse XII, 638.

May 4	12 38 9.94	9.0
5	9.90	9.0

10 Canum Venaticorum.

Apr. 30	12 38 21.61
June 7	21.58

Weisse XII, 661.

Mar. 25	12 39 22.10	8.5
31	22.03	8.0

Weisse XII, 665.

May 24	12 39 44.60	9.0

Hosted by Google

Weisse XII, 668.

1859.	h. m. s.	Mag.
May 3	12 39 50.68	8.0
7	50.71	8.0

Weisse XII, 706.

May 2	12 41 48.80	8.5
5	48.85	9.0

29 Comæ.

Apr. 16	12 41 53.10
May 26	53.18

Weisse (2) XII, 877.

May 4	12 43 17.34	8.0

Weisse XII, 764.

May 2	12 45 17.62	9.0
24	17.47	9.0

38 Virginis.

May 13	12 46 1.07
23	1.18

ψ Virginis.

Apr. 16	12 47 4.40

Weisse XII, 818.

May 4	12 48 28.71	7.0
26	28.75	7.0

δ Virginis.

May 13	12 48 33.10

Lalande 24193.

May 4	12 52 43.57	8.5
26	43.65	8.0

37 Comæ.

June 9	12 53 34.18

Weisse XII, 929.

Apr. 16	12 54 25.65	8.0

g Virginis.

Apr. 16	13 0 33.89

θ Virginis.

Apr. 30	13 2 42.23
May 2	42.21
3	42.21
4	42.16
5	42.19
7	42.20
24	42.18
June 7	42.20
9	42.21
11	42.17

58 Virginis.

1859.	h. m. s.	Mag.
May 13	13 10 7.20	
June 9	7.18	

Weisse XIII, 208.

May 4	13 13 6.79	9.0

α Virginis.

Mar. 25	13 17 49.24
Apr. 16	49.24
30	49.26
May 2	49.26
3	49.25
4	49.23
5	49.28
6	49.16
7	49.21
13	49.21
24	49.25
26	49.21
June 9	49.27
11	49.26

69 Virginis.

Apr. 16	13 19 59.37

Weisse XIII, 370.

May 4	13 23 21.82	8.0

ζ Virginis.

Apr. 16	13 27 33.79
May 2	33.68
3	33.68
4	33.62
5	33.66
7	33.60
13	33.71
23	33.63
24	33.69
June 9	33.69
11	33.74

Weisse XIII, 512.

June 7	13 30 32.85

Weisse XIII, 563.

May 4	13 33 8.52	8.5
5	8.46	8.5
7	8.56	8.5

m Virginis.

Apr. 16	13 34 16.02
May 2	16.01
13	15.97
23	15.96
June 9	16.02
11	15.97

(*), + 80° 2′.

May 24	13 36 40.88

85 Virginis.

June 9	13 38 3.15

Weisse XIII, 654.

1859.	h. m. s.	Mag.
Apr. 30	13 38 22.24	8.0
May 4	22.29	8.0

86 Virginis.

Apr. 16	13 38 29.05
May 2	28.91
3	28.92
13	28.87
June 7	28.88
11	28.84

Weisse (2) XIII, 866.

May 7	13 41 26.07	7.0

(*), + 78° 22′.

May 5	13 42 0.18	9.0

η Ursæ Majoris.

May 6	13 42 1.35
23	1.30

89 Virginis.

Apr. 16	13 42 16.22
May 13	16.13
June 9	16.17
11	16.05

Weisse (2) XIII, 900.

Apr. 30	13 42 34.36	7.5
June 7	34.31	

υ Bootis.

June 1	13 42 43.55

Weisse XIII, 737.

May 2	13 43 15.98	8.5
3	16.18	8.5

(*), + 77° 52′.

May 24	13 43 36.80

Weisse (2) XIII, 997.

May 4	13 46 20.85	
7	21.00	8.0

Weisse XIII, 808.

May 2	13 47 42.39	8.0
3	42.38	8.5

η Bootis.

Apr. 16	13 48 1.10
30	1.01
May 6	1.11
23	1.08
June 1	1.05
4	1.10
9	1.14
11	1.07

Weisse XIII, 813.

1859.	h. m. s.	Mag.
May 5	13 48 2.85	8.0
June 7	2.88	8.0

Weisse XIII, 866.

May 7	13 50 57.35	7.5
24	57.47	

Weisse XIII, 893.

May 2	13 52 34.74	9.0
3	34.88	9.0
5	34.69	9.0

Rumker 4551.

June 11	13 54 30.81	7.5

τ Virginis.

May 13	13 54 31.37
23	31.39
June 9	31.41

Lalande 25762.

May 24	13 55 0.71	9.0
June 1	0.63	9.0

Weisse XIII, 974.

May 5	13 56 31.99	8.5

Weisse XIII, 979.

May 3	13 56 42.63	8.0
4	42.62	8.0
7	42.55	8.0

94 Virginis.

May 23	13 58 53.09	
June 7	53.08	
9	53.18	6.5
11	53.14	

Weisse XIII, 1037.

May 2	13 59 11.27	9.0
June 4	11.32	8.5

Weisse XIII, 1071.

Apr. 30	14 0 59.14	7.5
May 3	59.13	7.0
6	59.16	

(*), + 34° 4′.

May 5	14 1 34.48	9.0
24	34.56	

Weisse (2) XIV, 40.

May 4	14 3 13.04	8.5
June 1	13.07	9.0

Hosted by Google

d Bootis.

1859.	h. m. s.	Mag.
June 7 . .	14 4 0.77	
9 . .	0.87	

O. Arg. S. 13471.

June 4 . .	14 5 20.19	8.5

κ Virginis.

May 23 . .	14 5 25.82	

Weisse XIV, 83.

May 5 . .	14 6 3.63	8.5
June 11 . .	3.59	9.0

Weisse XIV, 88.

May 2 . .	14 6 12.84	9.0
3 . .	12.83	9.0
5 . .	12.63	

Lalande 26054.

May 7 . .	14 6 30.64	8.0
24 . .	30.65	8.0

Weisse XIV, 130.

May 4 . .	14 8 32.26	8.5

α Bootis.

May 6 . .	14 9 16.66	
13 . .	16.58	
23 . .	16.64	
26 . .	16.57	
June 1 . .	16.58	
4 . .	16.57	
7 . .	16.59	

B. A. C. 4731.

June 9 . .	14 9 29.27	
11 . .	29.16	

(*), +41° 3′.

May 2 . .	14 10 45.96	8.0
3 . .	46.04	

Lalande 26172.

Apr. 30 . .	14 11 41.68	7.5
May 7 . .	41.67	7.5

Weisse XIV, 221.

May 5 . .	14 12 53.75	9.0

Weisse XIV, 257.

May 5 . .	14 14 57.93	9.0

(*), −19° 3′.

May 6 . .	14 16 11.57	

Lalande 26293.

1859.	h. m. s.	Mag.
May 2 . .	14 16 38.46	8.0
3 . .	38.44	
4 . .	38.63	8.0

Rumker 4697.

Apr. 30 . .	14 18 48.47	7.0
May 7 . .	48.39	7.0

(*), +47° 25′.

May 24 . .	14 18 56.37	8.0
June 1 . .	56.20	

B. A. C. 4783.

June 9 . .	14 19 46.23	

Weisse XIV, 362.

June 4 . .	14 20 7.19	8.0
7 . .	7.19	8.0

Weisse XIV, 371.

June 4 . .	14 20 46.24	8.0
7 . .	46.27	8.0

(*), +49° 18′.

May 5 . .	14 22 38.36	10.0

B. A. C. 4798.

May 2 . .	14 22 42.38	
3 . .	42.36	

B. A. C. 4805.

June 9 . .	14 24 5.75	

Rumker 4730.

May 4 . .	14 24 15.40	8.5
24 . .	15.34	9.0

Weisse XIV, 445.

June 4 . .	14 24 49.95	8.0
7 . .	50.00	8.0

ρ Bootis.

June 1 . .	14 25 47.80	

26 Bootis.

June 11 . .	14 26 10.72	

B. A. C. 4814.

Apr. 30 . .	14 26 58.35	
May 3 . .	58.28	7.0
6 . .	58.20	
7 . .	58.19	7.0
June 9 . .	58.23	

(*), +1° 40′.

1859.	h. m. s.	Mag.
May 24 . .	14 28 28.15	9.5

Weisse XIV, 519.

June 7 . .	14 28 53.37	

Rumker 4761.

May 5 . .	14 29 26.12	9.0
24 . .	26.07	9.0

Weisse XIV, 540.

May 4 . .	14 29 50.85	8.0
June 4 . .	50.82	7.5

B. A. C. 4841.

June 9 . .	14 32 57.01	
July 9 . .	56.78	

Weisse XIV, 606.

May 4 . .	14 33 36.47	8.0

Weisse XIV, 608.

Apr. 30 . .	14 33 45.56	8.0

μ Virginis.

May 2 . .	14 35 41.13	
3 . .	41.10	

34 Bootis.

June 7 . .	14 37 16.15	6.0

5 Libræ.

June 11 . .	14 38 14.80	

ε Bootis.

Apr. 30 . .	14 38 52.36	
May 2 . .	52.37	
3 . .	52.36	
4 . .	52.34	
5 . .	52.34	
7 . .	52.34	
24 . .	52.36	
June 1 . .	52.33	

B. A. C. 4888.

May 6 . .	14 41 13.65	

μ Libræ.

June 11 . .	14 41 48.85	

a^1 Libræ.

May 24 . .	14 42 56.81	
June 7 . .	56.85	

a^2 Libræ.

1859.	h. m. s.	Mag.
Apr. 30 . .	14 43 8.27	
May 2 . .	8.25	
3 . .	8.30	
4 . .	8.30	
5 . .	8.26	
7 . .	8.32	
24 . .	8.28	
June 1 . .	8.26	
4 . .	8.32	
7 . .	8.26	
9 . .	8.25	
July 9 . .	8.26	

ξ^2 Libræ.

June 11 . .	14 49 10.46	

Groombridge 2169.

June 23 . .	14 50 51.28	

β Ursæ Minoris.

Apr. 30 . .	14 51 9.27	
May 2 . .	9.16	
3 . .	9.24	
4 . .	9.29	
7 . .	9.28	
24 . .	9.26	
June 4 . .	(9.42)	
7 . .	9.22	
9 . .	(9.37)	

2 Serpentis.

May 6 . .	14 54 38.83	

Weisse XIV, 1016.

May 5 . .	14 54 42.41	8.5
June 25 . .	42.38	

20 Libræ.

June 11 . .	14 55 52.90	
July 9 . .	52.91	

B. A. C. 4965.

June 4 . .	14 58 9.76	7.0

ψ Bootis.

May 3 . .	14 58 26.81	
4 . .	26.79	
June 1 . .	26.68	
23 . .	26.55	
25 . .	26.70	

Weisse XIV, 1110.

May 24 . .	14 59 17.57	8.5

Weisse XIV, 1118.

May 24 . .	14 59 45.46	

Weisse XIV, 1121.

May 24 . .	14 59 54.31	

Weisse XIV, 1142.

June 9 . .	15 0 50.90	8.0

Hosted by Google

Weisse XV, 2.

1859.	h. m. s.	Mag.
May 5	15 1 55.49	8.0
June 4	55.41	8.5
7	55.43	8.5

ι^1 Libræ.

June 11	15 4 14.68	
18	14.78	
July 9	14.65	

Weisse XV, 79.

May 7	15 6 3.24	
June 23	3.25	

Weisse XV, 91.

May 24	15 6 34.10	7.5
June 9	34.17	7.0

β Libræ.

May 4	15 9 28.48
5	28.57
7	28.59
June 1	28.54
4	28.48
7	28.56
11	28.52
18	28.59
23	28.57
25	28.63
July 5	28.60
29	28.57
Aug. 6	28.59

Weisse XV, 221.

May 24	15 13 19.75	9.0

o Coronæ Borealis.

June 25	15 14 21.97
July 5	21.99

Weisse XV, 265.

May 7	15 15 43.49	8.0

50 Bootis.

June 9	15 16 12.37
11	12.33

Weisse XV, 281.

May 7	15 16 18.74	8.0

(*), −9° 48′.

June 4	15 16 36.71	6.5

Lalande 28090.

June 18	15 17 59.60

μ Bootis.

June 23	15 19 11.82
25	11.90

ζ^1 Libræ.

1859.	h. m. s.	Mag.
June 11	15 20 21.94	
July 9	21.89	

B. A. C. 5092.

June 30	15 20 35.76
July 5	35.57

Weisse XV, 400.

May 24	15 22 8.50	8.0
June 4	8.41	8.0

B. A. C. 5109.

June 18	15 24 34.50

ν^1 Bootis.

June 9	15 25 54.17

ν^2 Bootis.

June 11	15 26 46.51
23	46.14

39 Libræ.

July 9	15 28 31.92

α Coronæ Borealis.

May 7	15 28 45.62
June 18	45.59
25	45.56
27	45.58
30	45.60
July 8	45.53
Aug. 6	45.54
Sept. 2	45.59

τ^3 Serpentis.

May 24	15 29 12.02
July 5	12.03

42 Libræ.

July 9	15 32 0.67

ϕ Bootis.

May 24	15 32 48.03
June 9	48.08
23	47.77

Weisse XV, 637.

June 4	15 33 48.54	9.0
25	48.34	9.0

Weisse XV, 644.

June 18	15 34 9.81	9.0
25	10.08	9.0

α Serpentis.

1859.	h. m. s.	Mag.
May 7	15 37 22.39	
24	22.39	
June 23	22.37	
27	22.40	
July 5	22.40	
8	22.45	
9	22.43	
12	22.41	
29	22.35	
Aug. 6	22.40	
Sept. 2	22.37	
3	22.34	

Weisse XV, 744.

June 9	15 39 14.67	8.0
18	14.66	8.0

υ Serpentis.

June 11	15 40 47.28
23	47.17

κ Serpentis.

June 25	15 42 26.26
30	26.35

Weisse XV, 828.

May 24	15 43 17.96	8.0

Lalande 28838.

June 9	15 43 34.82	7.5
18	34.79	

λ Libræ.

June 11	15 45 12.62
July 9	12.66
29	12.63

B. A. C. 5254.

June 4	15 45 36.23	6.0

(*), −16° 50′.

May 24	15 47 29.12	9.0

χ Herculis.

July 9	15 47 50.14
12	50.10

B. A. C. 5273.

June 30	15 48 24.38
July 5	24.36

λ Coronæ Borealis.

June 23	15 50 41.81
25	41.79

Lalande 29043.

June 9	15 50 59.47	8.0

Lalande 29044.

1859.	h. m. s.	Mag.
June 9	15 51 0.32	

Weisse XV, 976.

May 24	15 51 54.89

δ Scorpii.

June 11	15 52 3.56
July 9	3.64
29	3.59
Aug. 6	3.62
Sept. 2	3.59
3	3.56

τ Herculis.

June 25	15 54 56.82
30	56.80

β Scorpii.

June 9	15 57 18.02
11	18.00
18	18.04
27	18.03
July 8	18.00
9	18.08
12	18.04
29	18.04
Aug. 6	18.04
Sept. 2	18.08

B. A. C. 5341.

June 30	15 58 31.44
July 5	31.31

B. A. C. 5345.

June 4	15 59 28.06	6.0

κ Herculis.

July 12	16 1 45.36

B. A. C. 5368.

July 12	16 1 45.73

Weisse XVI, 11.

May 24	16 2 16.56	9.0
June 18	16.64	

q Herculis.

July 29	16 2 27.77

Weisse XVI, 19.

June 9	16 2 31.14
11	31.06

Hosted by Google

δ Ophiuchi.

1859.	h. m. s.	Mag.
May 24	16 7 0.61	
June 4	0.73	
9	0.75	
11	0.70	
18	0.67	
23	0.64	
25	0.64	
27	0.64	
30	0.63	
July 5	0.58	
8	0.71	
9	0.68	
12	0.64	
29	0.65	
Aug. 6	0.63	
Sept. 3	0.67	

16 Herculis.

June 27	16 9 16.38	
30	16.40	

Lalande 29696.

June 4	16 11 28.24	7.0
18	28.23	7.0

σ Scorpii.

July 9	16 12 41.06	
Aug. 6	41.01	

B. A. C. 5452.

July 12	16 13 59.89	
29	59.89	

B. A. C. 5460.

June 23	16 15 7.25	
27	7.37	

ψ Ophiuchi.

June 4	16 15 54.91	5.0

ξ Coronæ Borealis.

June 30	16 16 38.41	
July 5	38.44	

ν^1 Coronæ Borealis.

July 9	16 17 5.18	
12	5.17	

ν^2 Coronæ Borealis.

July 19	16 17 12.81	

α Scorpii.

June 4	16 20 49.66	
18	49.65	
23	49.66	
25	49.68	
27	49.65	
30	49.70	
July 8	49.65	
9	49.70	
12	49.68	
Aug. 6	49.73	
Sept. 2	49.65	

η Draconis.

1859.	h. m. s.	Mag.
July 5	16 22 6.03	
29	6.00	

B. A. C. 5527.

June 23	16 24 28.87	
25	28.67	
27	28.80	

h Herculis.

July 8	16 26 3.27	
12	3.22	

Groombridge 2356.

June 18	16 26 52.50	

τ Scorpii.

July 29	16 27 10.18	
Aug. 6	10.30	
Sept. 3	10.26	

32 Herculis.

June 27	16 28 1.76	
30	1.76	

B. A. C. 5546.

June 23	16 28 48.23	
25	48.32	

B. A. C. 5549.

July 5	16 29 15.50	
9	15.52	

B. A. C. 5580.

June 18	16 33 40.11	

B. A. C. 5588.

July 8	16 34 38.83	
12	38.82	
29	38.87	

42 Herculis.

Aug. 6	16 34 56.93	

B. A. C. 5597.

June 23	16 35 12.22	
25	12.15	
27	12.36	

ζ Herculis.

June 4	16 36 0.51	
27	0.48	
July 9	0.45	
11	0.50	
19	0.50	
Sept. 3	0.52	

B. A. C. 5615.

June 30	16 38 4.76	
July 5	4.61	

B. A. C. 5619.

1859.	h. m. s.	Mag.
June 23	16 38 41.62	
25	41.62	

Lalande 30479.

June 18	16 38 42.31	

B. A. C. 5625.

July 8	16 39 50.43	
29	50.40	
Aug. 6	50.44	

20 Ophiuchi.

July 9	16 42 5.49	
11	5.52	

48 Herculis.

June 23	16 43 48.32	
25	48.39	
27	48.54	

B. A. C. 5663.

June 18	16 45 9.40	

51 Herculis.

June 30	16 45 57.13	
July 5	56.99	

B. A. C. 5686.

July 8	16 47 0.34	
9	0.42	
12	0.36	
29	0.35	
Aug. 6	0.34	

ι Ophiuchi.

July 14	16 47 23.04	
19	23.07	

53 Herculis.

June 23	16 47 39.36	
25	39.39	
27	39.51	

Lalande 30788.

June 18	16 49 20.59	8.5

Weisse (2) XVI, 1533.

July 29	16 49 49.09	7.0
Aug. 6	49.15	7.0

κ Ophiuchi.

June 27	16 51 2.57	
30	2.54	
July 5	2.43	
9	2.48	
11	2.65	
12	2.53	
14	2.52	
19	2.56	
23	2.61	
28	2.52	

B. A. C. 5716.

1859.	h. m. s.	Mag.
July 8	16 52 17.87	
29	17.83	7.0
Aug. 6	17.77	

B. A. C. 5732.

June 30	16 55 11.11	
July 5	11.10	
28	11.23	

B. A. C. 5767.

July 8	16 59 21.57	
9	21.63	
29	21.59	

B. A. C. 5771.

Aug. 6	17 0 7.26	

ε Ursæ Minoris.

June 18	17 0 27.02	
25	26.16	
July 14	27.03	
19	27.36	

B. A. C. 5775.

June 30	17 0 49.14	
July 5	49.09	

η Ophiuchi.

Aug. 8	17 2 21.03	

B. A. C. 5788.

July 23	17 3 4.16	
28	4.25	
29	4.19	

B. A. C. 5790.

Aug. 3	17 3 12.80	
6	12.67	

B. A. C. 5795.

July 5	17 4 51.09	
9	51.13	

A^1 Ophiuchi.

July 11	17 6 44.50	
Aug. 8	44.41	

a^1 Herculis.

June 27	17 8 15.84	
30	15.83	
July 8	15.79	
14	15.86	
19	15.86	
23	15.75	
27	15.73	
28	15.82	
29	15.80	

a^2 Herculis.

July 29	17 8 16.15	

Hosted by Google

δ Herculis.

1859.	h. m. s.	Mag.
July 9	17 9 16.85	
Aug. 3	16.85	

π Herculis.

Aug. 6	17 10 10.04	

B. A. C. 5841.

July 5	17 12 1.90	
28	2.04	

Weisse XVII, 202.

June 18	17 12 30.03	7.0

ν Serpentis.

July 19	17 12 57.27	
23	57.27	

θ Ophiuchi.

July 8	17 13 24.81	
9	24.81	
11	24.80	
12	24.76	
14	24.76	
27	24.86	
29	24.84	
Aug. 2	24.78	
3	24.74	
6	24.81	
8	24.78	

70 Herculis.

June 25	17 15 8.16	
30	8.19	

Weisse (2) XVII, 487.

July 23	17 17 16.13	

73 Herculis.

June 25	17 18 15.03	
30	15.08	

d Ophiuchi.

July 11	17 18 25.01	
12	24.96	
Aug. 8	24.94	

Weisse (2) XVII, 523.

July 14	17 18 43.62	
23	43.55	

ρ Herculis, (1st *.)

July 5	17 18 50.86	
9	50.87	

ρ Herculis, (2d *.)

July 5	17 18 51.01	
9	51.12	

(*), +37° 3′.

July 19	17 19 19.81	
27	19.82	

B. A. C. 5894.

1859.	h. m. s.	Mag.
July 28	17 19 33.52	
29	33.53	

B. A. C. 5895.

July 19	17 19 36.22	
27	36.10	

B. A. C. 5892.

June 18	17 19 38.29	

Weisse (2) XVII, 552.

July 14	17 19 40.56	
23	40.45	

Weisse (2) XVII, 596.

July 14	17 20 46.00	

B. A. C. 5900.

June 25	17 20 46.53	
30	46.58	

υ Scorpii.

Aug. 1	17 21 14.71	
2	14.79	

c^2 Ophiuchi.

July 11	17 22 52.53	
Aug. 8	52.43	

Lacaille 7325.

Aug. 3	17 23 15.09	6.0
6	15.02	

B. A. C. 5927.

June 25	17 26 37.22	
30	37.38	

B. A. C. 5929.

July 5	17 26 59.52	
28	59.59	

β Draconis.

July 9	17 27 16.26	
11	16.12	

α Ophiuchi.

June 18	17 28 26.14	
25	26.12	
30	26.20	
July 5	26.14	
19	26.16	
29	26.13	
Aug. 1	26.14	
8	26.14	
9	26.13	

B. A. C. 5943.

1859.	h. m. s.	Mag.
July 14	17 28 53.69	
27	53.76	

Lalande 32045.

Aug. 3	17 29 18.08	8.5

B. A. C. 5952.

July 27	17 30 10.71	7.0

B. A. C. 5956.

July 23	17 30 29.50	
Aug. 2	29.43	

B. A. C. 5962.

July 5	17 31 16.95	
9	17.05	

ο Serpentis.

June 18	17 33 32.83	
July 11	32.84	
Aug. 8	32.77	
9	32.82	

O. Arg. S. 17098.

Aug. 13	17 34 8.06	9.0

B. A. C. 5986.

June 25	17 34 40.14	
30	40.18	

O. Arg. S. 17114.

July 29	17 34 52.94	9.0
Aug. 1	52.93	9.0

ι Herculis.

Aug. 6	17 35 30.77	

84 Herculis.

July 5	17 37 36.73	
14	36.83	

3 Sagittarii.

Aug. 9	17 38 44.03	

Lalande 32418.

June 18	17 39 5.84	
July 27	5.74	

Weisse XVII, 787.

July 29	17 40 9.76	8.0
Aug. 1	9.74	8.5

B. A. C. 6018.

July 23	17 40 19.61	
28	19.70	

γ Ophiuchi.

1859.	h. m. s.	Mag.
July 14	17 40 52.34	
19	52.38	

μ Herculis.

July 11	17 40 58.78	
12	58.77	
Aug. 2	58.83	
3	58.81	
6	58.72	

(*), −31° 20′.

June 25	17 42 30.94	7.0

87 Herculis.

July 5	17 43 8.44	
9	8.65	

B. A. C. 6032.

June 25	17 43 13.22	
30	13.14	

Weisse XVII, 867.

July 29	17 44 3.77	8.5
Aug. 1	3.79	8.5

B. A. C. 6049.

June 18	17 45 16.88	
July 27	16.79	

B. A. C. 6062.

July 12	17 47 31.46	
14	31.42	
Aug. 8	31.45	

B. A. C. 6059.

July 5	17 47 39.86	7.0
9	39.99	

B. A. C. 6063.

June 30	17 47 51.41	

B. A. C. 6065.

Aug. 9	17 48 15.89	

Weisse XVII, 966.

July 29	17 48 18.38	9.0
Aug. 1	18.37	9.0

(*), — 15° 17′.

Aug. 2	17 48 21.03	9.0
3	21.00	9.0

f Herculis.

July 19	17 48 44.62	
23	44.70	

Hosted by Google

MADRAS 1209.

1859.	h. m. s.	Mag.
Aug. 6	17 48 45.24	8.0

89 HERCULIS.

July 27	17 49 46.19
28	46.26

4 SAGITTARII.

June 17	17 51 14.65
18	14.65
July 12	14.70
Aug. 8	14.60
9	14.65
Sept. 6	14.64

ν HERCULIS.

June 25	17 53 8.72
30	8.61

γ DRACONIS.

July 5	17 53 21.35
23	21.42
Aug. 10	21.33

93 HERCULIS.

July 9	17 53 49.44
19	49.44

LALANDE 32986.

July 29	17 54 5.76	8.5
Aug. 2	5.75	8.5

9 SAGITTARII.

Aug. 9	17 55 17.33	5.5
Sept. 6	17.38	

95 HERCULIS, (1st *.)

July 27	17 55 33.57
28	33.63
Aug. 6	33.58

95 HERCULIS, (2d *.)

July 27	17 55 33.98
28	34.08
Aug. 6	34.05

LALANDE 33089.

Aug. 3	17 56 29.95	8.0

B. A. C. 6113.

June 25	17 56 44.98
30	44.86

γ^2 SAGITTARII.

Aug. 8	17 56 48.81

O. ARG. S. 17610.

July 9	17 57 53.48

LALANDE 33178.

1859.	h. m. s.	Mag.
July 29	17 59 6.64	9.0
Aug. 2	6.58	9.0

B. A. C. 6130.

June 25	17 59 56.08	7.0
30	56.00	
Aug. 10	56.08	

(*), −27° 43′.

Aug. 3	18 0 9.84	8.5

B. A. C. 6132.

July 27	18 0 14.50

O. ARG. S. 17695.

Aug. 3	18 0 27.71	7.5

δ HERCULIS.

July 5	18 1 42.63
19	42.65

ο HERCULIS.

July 23	18 2 4.86
28	4.92

B. A. C. 6166.

Aug. 6	18 4 30.11

μ SAGITTARII.

June 17	18 5 23.39
18	23.38
25	23.35
30	23.38
July 5	33.35
9	23.41
12	23.44
14	23.38
19	23.40
23	23.45
27	23.42
28	23.44
29	23.37
Aug. 3	23.39
8	23.42
9	23.39
10	23.39
20	23.41
Sept. 6	23.40

η SAGITTARII.

Aug. 2	18 8 9.04
6	8.95

B. A. C. 6202.

July 23	18 11 22.46
28	22.36

δ SAGITTARII.

1859.	h. m. s.	Mag.
July 12	18 12 1.80	

B. A. C. 6210.

Aug. 9	18 12 5.09

B. A. C. 6212.

Aug. 3	18 12 11.81
6	10.77

κ LYRÆ.

June 17	18 14 57.27
July 28	57.29

λ SAGITTARII.

July 12	18 19 19.81

B. A. C. 6261.

June 17	18 18 59.87	
Aug. 1	59.88	
3	59.88	6.0

B. A. C. 6270.

July 28	18 20 13.79
Aug. 1	13.78

B. A. C. 6295.

June 17	18 23 19.54
July 23	19.61

LALANDE 34229.

Aug. 3	18 24 18.78

B. A. C. 6322.

June 17	18 26 56.59
July 23	56.57

LALANDE 34354.

July 28	18 27 24.01	7.5
Aug. 1	24.01	7.5

LALANDE 34401.

Aug. 3	18 28 19.22	7.5

BRADLEY 2333.

Aug. 9	18 29 59.68
10	59.66
Sept. 6	59.57

B. A. C. 6349.

1859.	h. m. s.	Mag.
June 17	18 30 40.37	
July 23	40.39	

α LYRÆ.

July 19	18 32 11.87
27	11.73
28	11.76
Aug. 1	11.79

B. A. C. 6358.

Aug. 6	18 33 43.82
20	43.93

B. A. C. 6365.

Aug. 25	18 35 27.57

(*), −18° 55′.

Aug. 3	18 35 51.67

B. A. C. 6372.

July 27	18 36 39.69
28	39.84

φ SAGITTARII.

Aug. 10	18 36 54.42
Sept. 6	54.31

110 HERCULIS.

June 17	18 39 38.14
July 19	38.17

ε^1 LYRÆ.

Aug. 1	18 39 42.31
2	42.04
3	41.99

ε^2 LYRÆ.

July 23	18 39 44.48
27	44.38
Aug. 2	44.19

O. ARG. S. 18674.

Aug. 6	18 39 47.15	7.0
20	47.36	

29 SAGITTARII.

Aug. 10	18 41 21.49
Sept. 6	21.45

B. A. C. 6403.

Aug. 25	18 41 57.40

ν^1 LYRÆ.

July 27	18 44 33.21
28	33.29

Hosted by Google

β Lyræ.

1859.	h. m. s.	Mag.
June 17	18 44 54.56	
25	54.63	
30	54.57	
July 9	54.61	
12	54.59	
19	54.54	
23	54.62	
Aug. 2	54.63	
3	54.66	
6	54.62	
8	54.58	
20	54.57	
25	54.57	
Sept. 2	54.60	

σ Sagittarii.

Aug. 10	18 46 34.85	
Sept. 6	34.92	

B. A. C. 6452.

July 5	18 48 26.95	
27	26.70	

113 Herculis.

July 28	18 48 50.19	
Aug. 1	50.27	

θ Serpentis.

Aug. 25	18 49 15.57	
30	15.54	

B. A. C. 6462.

Aug. 25	18 49 17.01	
30	16.94	

δ^2 Lyræ.

June 17	18 49 36.35	
July 23	36.48	

B. A. C. 6465.

Aug. 2	18 49 45.30	
8	45.37	

B. A. C. 6476.

Aug. 3	18 51 5.68	
20	5.49	

10 Aquilæ.

July 19	18 52 21.38	
28	21.29	

ζ Sagittarii.

Sept. 2	18 53 42.07	
6	41.92	

B. A. C. 6495.

Aug. 8	18 54 29.30	
10	29.47	

λ Lyræ.

1859.	h. m. s.	Mag.
June 17	18 54 43.82	
July 5	43.85	
27	43.88	
Aug. 1	43.93	

o Sagittarii.

Aug. 2	18 56 17.43	
25	17.52	

B. A. C. 6512.

Aug. 3	18 56 55.75	
20	55.72	

τ Sagittarii.

Aug. 10	18 58 11.69	

ζ Aquilæ.

June 17	18 58 58.41	
July 5	58.52	
19	58.47	
23	(58.56)	
27	58.44	
28	58.51	
Aug. 1	58.52	
25	58.52	
30	58.48	
Sept. 2	58.50	
6	58.47	

π Sagittarii.

Aug. 8	19 1 26.11	
10	26.06	

B. A. C. 6549.

Aug. 2	19 1 32.33	7.0
20	32.39	

19 Aquilæ.

July 28	19 2 8.39	
Aug. 3	8.44	

B. A. C. 6565.

Aug. 25	19 5 15.23	
30	15.23	

Lalande 36087.

Aug. 2	19 7 11.31	8.0
Sept. 8	11.11	8.0

B. A. C. 6578.

July 27	19 7 35.07	
28	35.01	
Aug. 10	34.99	

(*), −32° 5′.

July 23	19 7 39.29	

B. A. C. 6582.

Aug. 1	19 9 15.39	
8	15.35	

1 Vulpeculæ.

1859.	h. m. s.	Mag.
June 17	19 10 11.79	
July 5	11.91	

ω Aquilæ.

July 27	19 11 14.58	
Aug. 2	14.61	
3	14.62	
10	14.64	
11	14.62	
29	14.60	

B. A. C. 6594.

Aug. 20	19 11 25.51	
25	25.60	

θ Lyræ.

Aug. 30	19 11 30.41	
Sept. 1	30.39	

2 Vulpeculæ.

Sept. 2	19 11 48.15	
8	48.00	

B. A. C. 6609.

July 19	19 12 46.69	
28	46.76	

B. A. C. 6627.

July 5	19 15 38.05	
23	38.25	

B. A. C. 6631.

July 19	19 16 14.57	
27	14.63	

χ^1 Sagittarii.

Aug. 10	19 16 45.03	

χ^3 Sagittarii.

Sept. 6	19 17 0.98	

2 Sagittæ.

Aug. 3	19 18 4.83	
25	4.84	

δ Aquilæ.

June 17	19 18 26.28	
July 5	26.32	
27	26.24	
28	26.25	
Aug. 1	26.29	
2	26.28	
8	26.26	
11	26.24	
20	26.29	
22	26.27	
29	26.31	
30	26.28	
Sept. 1	26.29	
8	26.24	
9	26.24	

3 Sagittæ.

1859.	h. m. s.	Mag.
Aug. 3	19 18 27.85	
25	27.83	

2 Cygni.

Sept. 2	19 18 36.22	

B. A. C. 6665.

July 19	19 20 45.55	
23	45.62	

B. A. C. 6667.

Sept. 6	19 21 34.30	

B. A. C. 6673.

Aug. 1	19 22 41.38	
11	41.38	

B. A. C. 6672.

July 5	19 22 41.91	
Aug. 10	41.98	

B. A. C. 6677.

July 28	19 23 19.03	
Aug. 2	18.98	

B. A. C. 6680.

June 17	19 23 33.34	
Aug. 20	33.53	

O. Arg. S. 19689.

Aug. 30	19 24 35.29	

μ Aquilæ.

Aug. 3	19 27 14.91	
22	14.88	

h^2 Sagittarii.

June 17	19 28 10.87	
July 5	10.90	
28	10.88	
Aug. 11	10.98	
29	11.05	
Sept. 6	10.91	
7	10.99	

B. A. C. 6707.

Sept. 8	19 28 16.17	
9	16.15	

9 Vulpeculæ.

Aug. 30	19 28 25.87	

(*), +19° 27′.

Aug. 25	19 28 45.97	

Hosted by Google

B. A. C. 6710.

1859.	h. m. s.	Mag.
Sept. 1	19 28 55.72	
2	55.74	

9 Cygni.

Aug. 1	19 29 17.11	
20	17.07	

B. A. C. 6716.

July 23	19 30 11.59	
27	11.65	

Lalande 37221.

Sept. 8	19 31 35.42	

B. A. C. 6728.

July 28	19 32 5.14	
Aug. 1	5.24	
2	5.22	

σ Aquilæ.

Aug. 3	19 32 16.96	
8	16.88	

O. Arg. S. 19861.

June 17	19 33 5.56	

φ Cygni.

July 19	19 33 50.79	
27	50.73	

B. A. C. 6738.

Aug. 22	19 33 52.59	

(*), −33° 57′.

Sept. 9	19 34 17.67	8.0

e^2 Sagittarii.

Sept. 1	19 34 30.41	
6	30.39	
7	30.47	

β Sagittarii.

Aug. 10	19 34 45.59	
11	45.59	

14 Cygni.

Aug. 20	19 34 53.00	
25	53.07	

f Sagittarii.

June 17	19 38 11.38	
Aug. 10	11.48	
11	11.50	
29	11.48	
30	11.52	
Sept. 2	11.49	
7	11.47	
Nov. 1	11.53	

B. A. C. 6769.

1859.	h. m. s.	Mag.
Aug. 1	19 39 4.69	
20	4.70	

B. A. C. 6768.

Aug. 2	19 39 7.04	7.0
Sept. 1	7.13	

γ Aquilæ.

July 19	19 39 36.15	
23	36.14	
27	36.17	
28	36.12	
Aug. 3	36.18	
8	36.18	
25	36.16	
Sept. 6	36.16	
8	36.12	
10	36.13	

B. A. C. 6777.

Aug. 30	19 40 38.05	

Weisse (2) XIX, 1330.

Aug. 22	19 41 13.29	8.0

ζ Sagittæ.

Aug. 2	19 42 45.73	
8	45.71	

α Aquilæ.

July 23	19 43 57.03	
27	57.10	
28	57.04	
Aug. 1	57.07	
3	57.08	
10	57.08	
20	57.07	
25	57.07	
Sept. 1	57.07	
2	56.99	
7	57.01	
10	57.05	
Nov. 1	57.06	

B. A. C. 6817.

June 17	19 45 48.91	
Aug. 11	48.98	

B. A. C. 6816.

Sept. 9	19 46 6.24	6.0

B. A. C. 6829.

Aug. 20	19 48 0.08	
25	0.07	
29	0.02	

B. A. C. 6831.

July 28	19 48 19.04	
Aug. 2	18.77	

β Aquilæ.

1859.	h. m. s.	Mag.
Aug. 8	19 48 26.09	
10	26.08	
22	26.10	
30	26.10	
Sept. 2	26.14	
6	26.07	
7	26.01	
10	26.11	
Nov. 1	26.10	

η Cygni.

Aug. 1	19 51 3.19	
3	3.18	

B. A. C. 6850.

Aug. 30	19 51 16.10	7.0
Sept. 1	16.05	

Lacaille 8296.

Sept. 9	19 51 18.39	5.5

B. A. C. 6854.

June 17	19 51 55.54	
July 23	55.63	

B. A. C. 6861.

July 27	19 52 26.12	
28	26.20	
Aug. 20	26.24	

13 Sagittæ.

Aug. 1	19 53 43.92	
2	43.90	
29	43.85	

c Sagittarii.

Sept. 6	19 54 2.45	
7	2.58	
Nov. 1	2.62	

B. A. C. 6877.

Sept. 8	19 55 26.43	

16 Vulpeculæ.

Aug. 3	19 56 5.10	
10	5.07	

B. A. C. 6888.

Aug. 8	19 56 39.13	
25	39.05	

Lalande 38290.

Sept. 2	19 56 56.06	8.5

τ Aquilæ.

Aug. 30	19 57 17.94	
Sept. 1	17.96	

Weisse (2) XIX, 1888.

1859.	h. m. s.	Mag.
July 27	19 57 37.00	7.5
Aug. 20	37.04	7.0

B. A. C. 6899.

June 17	19 58 40.75	
Aug. 1	40.87	

B. A. C. 6903.

Aug. 22	20 0 7.40	
25	7.35	

B. A. C. 6906.

July 28	20 0 34.86	
Aug. 3	34.84	
29	34.79	

B. A. C. 6908.

July 27	20 0 40.52	
Aug. 8	40.43	

17 Vulpeculæ.

Aug. 2	20 0 52.33	
Sept. 2	52.39	

B. A. C. 6923.

Aug. 30	20 2 18.39	
Sept. 1	18.33	

66 Draconis.

Aug. 20	20 3 18.89	
Sept. 8	18.91	

B. A. C. 6941.

Aug. 8	20 4 53.67	
29	53.70	

(*), +16° 17′.

Aug. 22	20 5 55.12	8.5

(*), +20° 41′.

Aug. 8	20 6 59.97	7.5

(*), + 16° 17′.

July 27	20 7 40.19	8.5
Aug. 3	40.09	7.5
22	40.07	9.0

(*), + 16° 17′.

Aug. 3	20 8 0.60	8.5
22	0.57	9.0

(*), + 16° 17′.

Aug. 3	20 8 29.67	8.5
22	29.63	9.0

Hosted by Google

(*), +16° 17′.

1859.	h. m. s.	Mag.
Aug. 3	20 8 46.63	8.5
22	46.52	9.0

α^1 Capricorni.

Aug. 29	20 9 53.03

23 Vulpeculæ.

Aug. 1	20 9 57.98
25	57.98

(*), +16° 17′.

Aug. 22	20 10 13.11

α^2 Capricorni.

July 28	20 10 16.93
Aug. 2	16.95
8	16.95
11	16.95
27	16.99
Sept. 9	16.96
10	17.00
Nov. 1	16.97
2	16.96

(*), +16° 20′.

Aug. 3	20 10 32.52	7.0
22	32.44	7.5

B. A. C. 6977.

Aug. 30	20 10 43.87	7.0
Sept. 1	43.76	

σ Capricorni.

June 17	20 11 18.57
Sept. 6	18.64
7	18.62
8	18.64

O. Arg. S. 20429.

Aug. 10	20 13 11.85	8.0
Sept. 1	11.80	7.5

(*), −33° 30′.

Sept. 9	20 14 13.74	8.0

O. Arg. S. 20465.

Sept. 2	20 16 2.03	9.0
6	2.06	8.0

B. A. C. 7021.

July 27	20 17 21.07
Aug. 3	20.98
20	21.12

Lalande 39247.

Aug. 22	20 18 12.48	8.0
Sept. 1	12.53	7.5

39 Cygni.

1859.	h. m. s.	Mag.
Aug. 1	20 18 16.13	
25	16.13	

π Capricorni.

Sept. 10	20 19 18.16

O. Arg. S. 20522.

Aug. 30	20 19 53.24

ρ Capricorni.

June 17	20 20 52.13
Aug. 2	52.15
Sept. 2	52.13
6	52.18
7	52.17
8	52.22
9	52.19
Nov. 1	52.23
2	52.12

B. A. C. 7057.

Aug. 3	20 22 21.69
10	21.87

O. Arg. S. 20570.

Aug. 22	20 23 25.81	8.5
Sept. 1	25.94	8.0

42 Cygni.

Aug. 20	20 24 0.05
25	23 59.97

Lacaille 8492.

Sept. 10	20 26 8.81	6.0

O. Arg. N. 20664.

Aug. 30	20 26 33.82	7.0
Sept. 7	33.94	

ω^3 Cygni.

Aug. 30	20 26 59.56
Sept. 7	59.54
8	59.55

(*), −33° 56′.

Sept. 9	20 29 5.25	8.0

B. A. C. 7112.

Aug. 2	20 29 19.82
20	19.90

O. Arg. S. 20654.

Aug. 22	20 29 27.65	8.5

B. A. C. 7108.

June 17	20 29 31.47

B. A. C. 7111.

1859.	h. m. s.	Mag.
Aug. 3	20 29 31.89	
10	32.00	
Sept. 6	31.93	

B. A. C. 7113.

Aug. 25	20 29 47.36
Sept. 1	47.47

O. Arg. S. 20675.

Aug. 22	20 30 12.42

Lacaille 8517.

Sept. 9	20 31 32.24	6.0

υ Capricorni.

Sept. 8	20 32 4.52
Nov. 1	4.44
2	4.47

B. A. C. 7135.

Sept. 6	20 32 8.58

B. A. C. 7146.

June 17	20 32 35.17
Aug. 30	35.29

α Delphini.

June 17	20 33 7.98
Aug. 30	8.08

B. A. C. 7158.

Aug. 3	20 34 25.95
10	26.06

B. A. C. 7159.

Aug. 20	20 34 41.59	
25	41.68	
Sept. 1	41.60	7.0

α Cygni.

Aug. 2	20 36 39.55
Sept. 7	39.61

(*), −21° 26′.

Aug. 22	20 36 43.75	8.5

ψ Capricorni.

Sept. 8	20 37 47.93
Nov. 1	47.94
2	47.93

30 Vulpeculæ.

June 17	20 38 48.84
Aug. 30	48.93

B. A. C. 7193.

1859.	h. m. s.	Mag.
Aug. 3	20 39 40.23	
10	40.23	

B. A. C. 7202, (1st *.)

Aug. 20	20 40 27.34
25	27.49

B. A. C. 7202, (2d *.)

Aug. 20	20 40 28.38
25	28.46

Weisse XX, 1031.

Sept. 1	20 40 49.77	8.5

Weisse (2) XX, 1036.

Sept. 1	20 40 58.97	9.0

B. A. C. 7216.

Sept. 9	20 42 14.62

14 Delphini.

Aug. 30	20 42 56.38

B. A. C. 7224.

June 17	20 43 10.41

O. Arg. S. 20903.

Aug. 22	20 43 13.70

ω Capricorni.

Sept. 8	20 43 27.47
Nov. 1	27.47

B. A. C. 7244.

Aug. 10	20 45 47.45
Sept. 9	47.36

B. A. C. 7248.

Aug. 25	20 46 48.37

19 Capricorni.

Sept. 10	20 46 52.87
Nov. 2	52.86

32 Vulpeculæ.

June 17	20 48 35.41
Aug. 3	35.57
10	35.57
20	35.56

B. A. C. 7262.

Aug. 30	20 49 18.35
Sept. 1	18.29

Hosted by Google

O. Arg. S. 20996.

1859.	h. m. s.	Mag.
Aug. 22	20 49 50.02	

B. A. C. 7268.

Nov. 1	20 51 6.06	
2	6.18	

B. A. C. 7274.

Aug. 25	20 51 51.19	

21 Capricorni.

Aug. 20	20 52 58.86	
Sept. 10	58.75	
Nov. 4	58.65	

B. A. C. 7286.

Sept. 9	20 53 27.48	6.0

B. A. C. 7297.

Aug. 10	20 54 34.33	
Sept. 1	34.34	

Weisse XX, 1394.

Aug. 22	20 54 45.39	7.0

θ Capricorni.

Aug. 20	20 58 4.35	
Sept. 8	4.31	
9	4.28	
Nov. 1	4.22	
2	4.29	
3	4.40	
4	4.31	

61¹ Cygni.

Aug. 10	21 0 37.44	
22	37.31	
Sept. 1	37.39	

61² Cygni.

Aug. 10	21 0 38.88	
22	38.79	
Sept. 1	38.82	

ν Aquarii.

Aug. 25	21 1 57.77	
30	57.78	
Sept. 8	57.86	
Nov. 1	57.94	
3	57.92	
4	57.83	

ζ Cygni.

Aug. 10	21 6 58.71	
30	58.63	
Sept. 8	58.68	
9	58.62	
10	58.67	
12	58.72	
Nov. 1	58.63	
3	58.66	
4	58.68	

14 Aquarii.

1859.	h. m. s.	Mag.
Aug. 20	21 8 46.60	
22	46.60	7.0
25	46.61	
Sept. 1	46.59	8.0

Weisse XXI, 171.

Aug. 20	21 8 58.49	7.5
25	58.49	7.0
Sept. 1	58.46	

ι Capricorni.

Sept. 8	21 14 26.77	
9	26.76	
Nov. 2	26.74	
3	26.78	

α Cephei.

Aug. 10	21 15 14.12	
20	14.21	
22	14.00	
25	14.17	
30	13.95	
Sept. 1	14.07	
10	14.10	
12	14.18	
Nov. 1	14.17	

Weisse XXI, 346.

Nov. 4	21 16 37.13	8.5

B. A. C. 7431.

Sept. 13	21 17 8.70	

ζ Capricorni.

Sept. 8	21 18 40.05	
9	39.99	
Nov. 3	40.04	

β Aquarii.

Aug. 10	21 24 11.13	
20	11.17	
22	11.10	
25	11.17	
Sept. 1	11.12	
Nov. 1	11.16	

β Cephei.

Aug. 30	21 26 50.25	
Sept. 9	50.28	
10	50.46	
12	50.37	
13	50.45	
Nov. 2	50.41	
3	50.32	
4	50.37	

ε Capricorni.

Sept. 8	21 29 14.18	

O. Arg. S. 21515.

Sept. 1	21 29 32.42	8.0

B. A. C. 7523.

1859.	h. m. s.	Mag.
Sept. 1	21 30 56.32	

γ Capricorni.

Sept. 8	21 32 19.76	
9	19.75	
Nov. 2	19.74	
3	19.71	

B. A. C. 7528.

Aug. 22	21 32 29.56	
25	29.56	

Rumker 9349.

Nov. 4	21 33 48.24	

41 Capricorni.

Sept. 10	21 34 2.04	

B. A. C. 7549.

Sept. 1	21 35 21.13	

45 Capricorni.

Aug. 25	21 36 21.99	
30	22.03	

ε Pegasi.

Aug. 22	21 37 18.49	
Sept. 8	18.54	
12	18.48	
13	18.49	
Nov. 2	18.54	
3	18.59	
4	18.55	

δ Capricorni.

Sept. 10	21 39 18.65	

B. A. C. 7584.

Sept. 1	21 39 35.80	

B. A. C. 7586.

Sept. 1	21 40 1.56	

Lacaille 8941.

Sept. 12	21 43 26.06	
13	26.06	

B. A. C. 7617.

Aug. 22	21 45 30.83	
25	30.89	

μ Capricorni.

Sept. 9	21 45 39.55	
Nov. 3	39.53	
Dec. 1	39.40	

Weisse XXI, 1071.

1859.	h. m. s.	Mag.
Aug. 30	21 45 45.23	8.0
Sept. 1	45.40	8.0

16 Pegasi.

Sept. 8	21 46 41.56	

Lalande 42700.

Nov. 23	21 47 49.29	
26	49.36	7.5

O. Arg. S. 21737.

Sept. 10	21 47 49.62	7.5
13	49.68	

B. A. C. 7649.

Aug. 25	21 50 54.89	
30	54.81	

Lalande 42813.

Sept. 1	21 51 4.74	8.5

B. A. C. 7652.

Sept. 13	21 51 25.01	

(*), −20° 40′.

Nov. 23	21 51 32.54	8.5

η Piscis Australis.

Sept. 9	21 52 47.09	

O. Arg. S. 21796.

Sept. 10	21 52 49.63	7.0

B. A. C. 7677.

Sept. 12	21 56 29.83	

Lalande 43040.

Sept. 1	21 58 5.83	

α Aquarii.

Aug. 16	21 58 35.44	
22	35.44	
25	35.39	
30	35.52	
Sept. 8	35.48	
13	35.50	
Nov. 2	35.53	
5	35.45	
23	35.45	
26	35.49	
Dec. 1	35.44	

ι Aquarii.

Sept. 9	21 58 52.28	
10	52.33	
Nov. 3	52.33	
4	52.34	

Hosted by Google

B. A. C. 7724.

1859.	h. m. s.	Mag.
Aug. 30	22 3 15.87	

LALANDE 43288.

Sept. 1	22 4 53.92	9.0
Nov. 23	54.07	8.5

B. A. C. 7759.

Sept. 13	22 7 24.40
Nov. 26	24.07

42 AQUARII.

Sept. 1	22 9 17.91

θ AQUARII.

Aug. 16	22 10 26.60
30	26.55
Sept. 9	26.60
10	26.55
12	26.61
Nov. 2	26.58
3	26.60
4	26.62
23	26.60
28	26.67
Dec. 1	26.56

ρ AQUARII.

Sept. 10	22 12 49.76
12	49.86
Nov. 2	49.77
3	49.73
4	49.75
23	49.75
28	49.75

B. A. C. 7793.

Aug. 20	22 14 3.93	
Sept. 1	3.88	

γ AQUARII.

Nov. 26	22 14 25.39

(*), −6° 55′.

Sept. 1	22 14 26.76	8.0

49 AQUARII.

Nov. 28	22 15 42.43

33 PEGASI.

Aug. 16	22 16 55.47
30	55.37

B. A. C. 7812.

Nov. 23	22 17 50.67

π AQUARII.

Sept. 9	22 18 7.57	
12	7.61	

B. A. C. 7818.

1859.	h. m. s.	Mag.
Nov. 3	22 18 57.69	
4	57.69	

53 AQUARII.

Nov. 3	22 18 58.17
4	58.23

(*), −37° 42′.

Sept. 13	22 20 58.99	7.5

(*), −31° 9′.

Sept. 9	22 22 18.25	8.0

B. A. C. 7835.

Aug. 20	22 22 32.08

WEISSE XXII, 467.

Nov. 26	22 22 34.66

56 AQUARII.

Aug. 16	22 22 46.92	
Sept. 1	46.81	
Nov. 2	46.86	6.5

σ AQUARII.

Sept. 12	22 23 14.13
Nov. 3	14.11
4	14.10
28	14.12
Dec. 1	14.09

O. ARG. S. 22196.

Sept. 1	22 23 27.20
Nov. 2	27.28
23	27.35

(*), −37° 24′.

Sept. 13	22 26 7.78	8.0

(*), −31° 4′.

Sept. 9	22 27 55.44

η AQUARII.

Nov. 2	22 28 9.61	
3	9.64	
5	9.64	
26	9.63	

B. A. C. 7879, (1st *.)

Aug. 16	22 29 38.50
30	38.60
Sept. 12	38.71

B. A. C. 7879, (2d *.)

Aug. 30	22 29 38.68
Sept. 12	38.89

κ AQUARII.

1859.	h. m. s.	Mag.
Sept. 10	22 30 30.27	
Nov. 4	30.23	
Dec. 1	30.19	

WEISSE XXII, 640.

Sept. 1	22 31 1.73	
Nov. 23	1.79	8.5
28	1.82	

WEISSE XXII, 644.

Sept. 1	22 31 6.56	
Nov. 23	6.36	8.0
28	6.37	

B. A. C. 7895.

Sept. 9	22 32 32.99	5.5

ζ PEGASI.

Aug. 16	22 34 28.73
Sept. 13	28.75
Nov. 3	28.77
5	28.75
26	28.77
Dec. 1	28.79

WEISSE XXII, 761.

Nov. 23	22 35 53.82	8.0

13 LACERTÆ.

Aug. 16	22 37 51.22
30	51.13

(*), −14° 18′.

Sept. 10	22 37 54.74	9.0

B. A. C. 7948.

Sept. 1	22 39 58.05
9	57.96

τ^2 AQUARII.

Sept. 12	22 42 10.58	
13	10.53	6.0
Nov. 3	10.55	
4	10.65	
Dec. 1	10.67	

WEISSE XXII, 900.

Nov. 23	22 43 13.99	8.0
28	13.99	8.5

γ PISCIS AUSTRALIS.

Aug. 16	22 44 43.95

λ AQUARII.

Sept. 10	22 45 18.49
12	18.57
Nov. 3	18.52
4	18.54
5	18.46

WEISSE XXII, 962.

1859.	h. m. s.	Mag.
Nov. 23	22 46 21.29	8.5

75 AQUARII.

Aug. 30	22 46 43.85
Sept. 1	43.77
Nov. 28	43.86

B. A. C. 7978.

Dec. 1	22 46 47.78

LACAILLE 9298.

Sept. 13	22 47 22.61

LALANDE 44823.

Nov. 26	22 47 59.30	7.0

α PISCIS AUSTRALIS.

Aug. 16	22 49 54.35
30	54.40
Sept. 1	54.31
9	54.37
10	54.36
13	54.39
Nov. 3	54.30
4	54.34
5	34.31

B. A. C. 7994.

Sept. 12	22 50 0.72

WEISSE XXII, 1049.

Nov. 23	22 50 53.03	8.5
29	52.95	8.5

WEISSE XXII, 1057.

Nov. 23	22 51 19.98	
28	19.78	8.5

LACAILLE 9343.

Sept. 13	22 54 46.15	6.0

WEISSE XXII, 1149.

Nov. 26	22 55 2.84

WEISSE XXII, 1150.

Nov. 26	22 55 3.18

LALANDE 45409.

Sept. 12	22 55 15.34	6.0
Nov. 23	15.39	6.0

LACAILLE 9356.

Sept. 9	22 56 4.51	6.5

Hosted by Google

α Pegasi.

1859.	h. m. s.	Mag.
Jan. 19	22 57 47.37	
Aug. 30	47.32	
Sept. 1	47.36	
10	47.32	
Dec. 1	47.32	
30	47.31	

h[1] Aquarii.

Nov. 3	22 57 51.57	
4	51.67	
5	51.61	

Weisse XXII, 1232.

Nov. 26	22 58 34.44	8.0
28	34.41	8.0

Weisse XXII, 1272.

Nov. 23	23 0 40.36	9.0

Weisse XXII, 1283.

Nov. 23	23 1 24.84	9.0

A Piscium.

Sept. 12	23 1 30.67
13	30.70

6 Andromedæ.

Aug. 16	23 3 59.65

Weisse XXIII, 48.

Aug. 30	23 4 7.16
Nov. 26	7.11
28	7.14

59 Pegasi.

Sept. 1	23 4 40.15
10	40.12

(*), −30° 49′.

Sept. 9	23 5 43.73	7.5

Weisse XXIII, 85.

Nov. 23	23 6 11.75	9.0

B. A. C. 8084.

Nov. 5	23 6 54.19

φ Aquarii.

Nov. 4	23 7 4.24
Dec. 1	4.24
30	4.20

B. A. C. 8094.

Sept. 13	23 8 21.43	7.0

Weisse XXIII, 143.

1859.	h. m. s.	Mag.
Aug. 30	23 8 27.98	

ψ[1] Aquarii.

Sept. 10	23 8 33.26

γ Piscium.

Aug. 16	23 9 54.47
Sept. 1	54.47
9	54.43
12	54.46
Nov. 4	54.49
5	54.47
23	54.45
28	54.42
Dec. 1	54.47

Weisse XXIII, 185.

Nov. 26	23 10 21.42

ψ[3] Aquarii.

Dec. 30	23 11 40.57

b Piscium.

Sept. 12	23 13 12.70
13	12.59

(*), −9° 19′.

Nov. 23	23 13 19.62	9.5

B. A. C. 8129.

Dec. 1	23 13 27.88

Lalande 45704.

Nov. 4	23 13 34.08	8.0
28	34.11	8.0

B. A. C. 8158.

Aug. 16	23 17 46.91

κ Piscium.

Aug. 17	23 19 45.35
30	45.29
Sept. 12	45.36
13	45.33
Nov. 4	45.32
23	45.35
28	45.29
Dec. 1	45.33

θ Piscium.

Dec. 30	23 20 51.95

B. A. C. 8187.

Nov. 26	23 23 29.07

Santini 1636.

Nov. 23	23 25 5.67

Weisse XXIII, 534.

1859.	h. m. s.	Mag.
Nov. 28	23 26 44 25	9.5

Weisse XXIII, 592.

Nov. 23	23 29 4.50	8.0
26	4.45	

(*), −37° 35′.

Sept. 13	23 29 29.16	7.0

ι Piscium.

Aug. 16	23 32 45.03
17	45.01
Nov. 15	45.05
16	45.04
26	44.94
28	44.99

γ Cephei.

Dec. 1	23 33 37.84

Santini 1649.

Nov. 23	23 34 48.86	6.5
28	48.72	

λ Piscium.

Sept. 12	23 34 54.22
Nov. 5	54.20
Dec. 30	54.09

Lacaille 9567.

Sept. 13	23 35 43.86

B. A. C. 8252.

Aug. 16	23 36 17.29

Weisse XXIII, 803.

Nov. 16	23 39 52.36	9.0
23	52.52	8.5

Weisse XXIII, 817.

Nov. 26	23 40 31.61	7.0

B. A. C. 8270.

Sept. 13	23 40 39.71

20 Piscium.

Nov. 5	23 40 44.71
Dec. 30	44.56

δ Sculptoris.

Dec. 1	23 41 37.66

21 Piscium.

Aug. 16	23 42 17.46
17	17.33

Weisse XXIII, 934.

1859.	h. m. s.	Mag.
Nov. 15	23 46 2.51	9.0
23	2.71	8.0

ρ Cassiopeæ.

Sept. 12	23 47 24.58

(*), −1° 6′.

Nov. 16	23 47 41.02

B. A. C. 8315.

Nov. 26	23 48 28.14	7.0
28	28.13	7.0

B. A. C. 8317.

Aug. 17	23 48 33.79

Rumker 11777.

Dec. 1	23 49 37.04

Lacaille 9662.

Sept. 13	23 50 14.36	7.0

Weisse XXIII, 1032.

Nov. 15	23 50 37.80	9.0
23	37.95	9.0

27 Piscium.

Aug. 16	23 51 30.30

ω Piscium.

Sept. 12	23 52 7.52
Nov. 5	7.43

Weisse XXIII, 1075.

Nov. 16	23 52 49.99	9.5

30 Piscium.

Aug. 16	23 54 46.78

c[1] Piscium.

Nov. 20	23 55 13.97

Weisse XXIII, 1142.

Nov. 15	23 55 35.11	9.0
23	35.24	8.5

Weisse XXIII, 1178.

Nov. 28	23 57 31.40	8.5

33 Piscium.

Aug. 16	23 58 10.18

Hosted by Google

WEISSE XXIII, 1195.

1859.	h. m. s.	Mag.
Nov. 5	23 58 20.34	

86 PEGASI.

Sept. 13	23 58 30.88	

WEISSE XXIII, 1208.

Nov. 15	23 59 6.92	8.5
26	6.86	7.5

α ANDROMEDÆ.

1860.		
Nov. 13	0 1 9.34	
15	9.32	
Dec. 20	9.37	

WEISSE XXIII, 1251.

Oct. 26	0 1 14.71	8.0

WEISSE XXIII, 1258.

Dec. 21	0 1 37.86	8.5

WEISSE XXIII, 1260.

Dec. 21	0 1 38.29	8.5

B. A. C. 10.

Dec. 11	0 2 12.61

WEISSE O, 24.

Nov. 12	0 2 46.52	9.0

WEISSE O, 51.

Nov. 12	0 3 54.92	8.0

WEISSE O, 83.

Nov. 14	0 5 36.44	9.0

γ PEGASI.

Sept. 3	0 6 1.75
Oct. 10	1.76
Nov. 13	1.80
Dec. 20	1.74

WEISSE O, 97.

Dec. 21	0 6 31.99	8.5

WEISSE O, 102.

Dec. 22	0 6 52.04	8.5

WEISSE O, 104.

Dec. 21	0 6 54.27	9.0

WEISSE O, 110.

Nov. 14	0 7 18.33	9.0

WEISSE O, 112.

1860.	h. m. s.	Mag.
Nov. 14	0 7 30.93	9.0

WEISSE O, 115.

Nov. 14	0 7 38.08	9.0

B. A. C. 42.

Nov. 12	0 8 46.17

B. A. C. 43.

Nov. 15	0 9 3.71

B. A. C. 49.

Dec. 11	0 9 39.08

WEISSE O, 192.

Oct. 10	0 11 55.50	8.5

δ PISCIUM.

Sept. 1	0 13 23.89
3	23.76
26	23.76
Nov. 12	23.70

WEISSE O, 229.

Dec. 21	0 13 48.85	7.5

WEISSE O, 233.

Dec. 21	0 13 57.93	9.0

WEISSE O, 236.

Dec. 22	0 14 5.64	7.0

SANTINI 23.

Nov. 14	0 15 12.59	9.0

B. A. C. 81.

Nov. 15	0 17 20.47

45 PISCIUM.

Oct. 26	0 18 29.00
Nov. 13	29.03
Dec. 11	29.00

WEISSE O, 313.

Nov. 12	0 19 6.57	6.5
Dec. 22	6.53	7.0

B. A. C. 103.

Nov. 15	0 20 58.72

28 ANDROMEDÆ.

Oct. 10	0 22 44.40

12 CETI.

1860.	h. m. s.	Mag.
Sept. 3	0 22 53.69	
Oct. 26	53.56	
Nov. 12	53.62	
13	53.72	
14	53.59	
Dec. 11	53.68	
21	53.71	
22	53.62	

51 PISCIUM.

Dec. 22	0 25 10.42	6.0

52 PISCIUM.

Aug. 7	0 25 15.22
Sept. 3	15.30

B. A. C. 133.

Oct. 10	0 26 20.27	7.0

B. A. C. 135.

Nov. 15	0 26 45.27
Dec. 11	45.26

WEISSE O, 450.

Nov. 14	0 26 55.36	8.0

B. A. C. 137.

Nov. 12	0 26 55.54	7.0

14 CETI.

Oct. 26	0 28 21.60	6.5

B. A. C. 149.

Nov. 13	0 28 39.82
Dec. 21	39.83

WEISSE O. 491.

Aug. 7	0 29 10.04

WEISSE O, 496.

Dec. 22	0 29 43.94

B. A. C. 160.

Nov. 15	0 30 8.98
Dec. 11	9.03

β CETI.

Aug. 7	0 36 33.57
Nov. 13	33.70
14	33.53
15	33.69
Dec. 11	33.(78)
22	33.63

B. A. C. 197.

Sept. 3	0 36 40.56
Oct. 10	40.50

WEISSE O, 635.

1860.	h. m. s.	Mag.
Oct. 26	0 37 5.30	8.0
Nov. 12	5.25	

WEISSE O, 638.

Nov. 12	0 37 11.66

58 PISCIUM.

Dec. 21	0 39 43.43

60 PISCIUM.

Nov. 13	0 40 9.29
Dec. 11	9.34

61 PISCIUM.

Nov. 15	0 40 29.59

ν CASSIOPEÆ.

Oct. 10	0 40 54.92

B. A. C. 221.

Aug. 7	0 41 2.46	
Dec. 22	2.42	6.5

δ PISCIUM.

Sept. 3	0 41 25.27

WEISSE O, 726.

Nov. 14	0 42 20.09	9.0

B. A. C. 237.

Nov. 13	0 44 5.88
Dec. 11	5.93

WEISSE O, 770.

Nov. 12	0 44 24.71	9.0
Dec. 21	24.75	9.0

WEISSE O. 775.

Nov. 12	0 44 43.02	7.5
Dec. 21	43.02	
22	43.00	8.0

B. A. C. 239.

Oct. 10	0 44 44.37

WEISSE O, 806.

Aug. 7	0 46 27.52	9.0
Nov. 14	27.48	9.0

21 CETI.

Nov. 15	0 47 13.83

φ³ CETI.

Sept. 3	0 49 0.22

Hosted by Google

(*), + 2° 4′.

1860.	h. m. s.	Mag.
Nov. 12	0 49 58.50	9.0

B. A. C. 269.

Nov. 13	0 50 33.89
Dec. 11	33.96

(*), + 1° 52′.

Dec. 22	0 51 11.94	9.5

Weisse O, 893.

Aug. 7	0 51 50.04	9.0
Nov. 14	49.94	
Dec. 22	50.06	9.0

α Sculptoris.

Nov. 15	0 51 51.29

Weisse O, 918.

Dec. 22	0 52 53.73	8.5

ε Piscium.

Sept. 3	0 55 40.75
Oct. 10	40.72
Nov. 12	40.80
13	40.76
Dec. 21	40.77

B. A. C. 296.

Dec. 11	0 56 36.51

77 Piscium.

Dec. 22	0 58 34.69

B. A. C. 312.

Dec. 22	0 58 36.92

Weisse O, 1033.

Nov. 14	0 59 5.36

Weisse O, 1076.

Nov. 14	1 1 3.41

Weisse O, 1079.

Nov. 14	1 1 11.00	9.5

Weisse I, 202.

Aug. 7	1 13 28.24	7.0

θ Ceti.

Jan. 30	1 17 1.51
Aug. 7	1.54
Sept. 3	1.56
Oct. 10	1.52
26	1.64
Nov. 12	1.60
14	1.55
Dec. 4	1.56
11	1.66
21	1.57
22	1.58

ρ Piscium.

1860.	h. m. s.	Mag.
Jan. 2	1 18 42.81	

η Piscium.

Jan. 2	1 23 59.79
30	59.71
Aug. 7	59.76
Sept. 3	59.71
Nov. 12	59.77
14	59.79
Dec. 4	59.70
21	59.73
22	59.71

B. A. C. 454.

Dec. 11	1 24 18.90

B. A. C. 472.

Nov. 14	1 27 36.08	7.0

101 Piscium.

Dec. 21	1 28 17.50
22	17.48

B. A. C. 477.

Dec. 4	1 28 20.45
11	20.54

π Piscium.

Jan. 2	1 29 40.84
Aug. 7	40.90

Weisse I, 508.

Nov. 13	1 30 2.32

Santini 91.

Oct. 26	1 31 6.64

ν Piscium.

Jan. 2	1 34 8.90
16	8.85
30	8.88
Aug. 7	8.87
Nov. 13	8.88
14	8.89
25	8.83
Dec. 4	8.87
11	8.84
21	8.84

Weisse I, 646.

Oct. 26	1 35 46.50

Weisse I, 675.

Dec. 22	1 37 6.84	8.5

B. A. C. 551.

Oct. 26	1 41 11.08

Weisse I, 740.

1860.	h. m. s.	Mag.
Dec. 22	1 41 42.47	9.0

B. A. C. 562.

Nov. 14	1 43 55.07

Weisse I, 790.

Oct. 26	1 44 29.95	7.5
Dec. 22	29.86	

β Arietis.

Jan. 2	1 46 54.69
30	54.69
Aug. 7	54.67
Nov. 13	54.65
25	54.70
Dec. 4	54.66
24	54.71

56 Ceti.

Jan. 16	1 50 6.81

Weisse I, 896.

Oct. 26	1 51 3.32	8.0

B. A. C. 607.

Dec. 4	1 51 49.75

Weisse I, 969.

Oct. 26	1 54 36.40	9.0

Weisse I, 972.

Nov. 13	1 54 53.46

B. A. C. 643.

Nov. 13	1 58 12.84

Weisse (2) I, 1411.

Jan. 16	1 58 56.50	8.5

Weisse I, 1042.

Oct. 26	1 58 56.88	7.5

α Arietis.

Jan. 2	1 59 17.20
30	17.24
Aug. 7	17.23
Nov. 25	17.35
Dec. 22	17.14
24	17.26

B. A. C. 663.

Jan. 23	2 2 22.52

O. Arg. N. 2443.

Dec. 22	2 2 50.72	8.5

O. Arg. N. 2462.

1860.	h. m. s.	Mag.
Jan. 16	2 3 37.68	8.9

Weisse II, 35.

Oct. 26	2 4 16.27	9.5

Weisse II, 51.

Nov. 13	2 4 42.77

ξ^1 Ceti.

Jan. 30	2 5 35.00
Aug. 7	34.97

20 Arietis.

Dec. 4	2 7 45.45

67 Ceti.

Jan. 2	2 10 0.11
16	0.08
23	0.07
Oct. 26	0.16
Nov. 13	0.15
Dec. 22	0.12

Weisse II, 182.

Jan. 23	2 12 36.90	8.5

B. A. C. 723.

Nov. 13	2 12 42.20
Dec. 4	42.15

B. A. C. 742.

Dec. 4	2 17 7.78

ι Cassiopeæ.

Jan. 16	2 17 34.62

Weisse II, 312.

Nov. 13	2 19 41.93

25 Arietis.

Dec. 24	2 19 56.63

ξ^2 Ceti.

Dec. 4	2 20 43.06

Weisse II, 333.

Jan. 23	2 20 48.64	8.5

27 Arietis.

Jan. 30	2 23 8.74
Nov. 25	8.77

Hosted by Google

B. A. C. 774.

1860.	h. m. s.	Mag.
Nov. 13	2 23 56.05	
Dec. 4	55.94	

WEISSE II, 437.

Jan. 23	2 26 55.08	8.0

WEISSE II, 470.

Jan. 16	2 28 31.09	8.0

WEISSE II, 479.

Jan. 16	2 29 3.48	9.0

B. A. C. 810.

Jan. 30	2 31 31.35

μ ARIETIS.

Nov. 25	2 34 28.66

WEISSE (2) II, 860.

Jan. 16	2 35 44.90	8.0

γ CETI.

Jan. 23	2 36 2.90
Nov. 13	2.93
Dec. 4	2.98

RUMKER 695.

Jan. 30	2 36 50.64	
Dec. 24	50.69	8.0

WEISSE (2) II, 972.

Jan. 16	2 40 25.80	7.0

π ARIETIS.

Jan. 30	2 41 29.04

σ ARIETIS.

Sept. 7	2 43 45.99

B. A. C. 883.

Nov. 13	2 43 50.33
Dec. 4	50.16

B. A. C. 894.

Nov. 13	2 46 0.62
Dec. 4	0.48

WEISSE II, 820.

Jan. 23	2 47 37.58

WEISSE II, 866.

Nov. 28	2 49 40.65	9.0

47 ARIETIS.

1860.	h. m. s.	Mag.
Dec. 4	2 50 4.63	

RUMKER 755.

Jan. 30	2 50 28.68	8.0
Sept. 7	28.74	8.0

WEISSE II, 880.

Jan. 23	2 50 50.93

WEISSE II, 893.

Jan. 23	2 51 44.62	8.0

(*), $+9° 40'$.

Jan. 23	2 53 15.76	8.0

α CETI.

Jan. 30	2 54 57.86
Sept. 7	57.78
Nov. 28	57.82
Dec. 21	57.77

B. A. C. 951.

Nov. 13	2 55 35.51
Dec. 4	35.33

ρ PERSEI.

Dec. 25	2 56 13.00	4.0

ρ^2 ERIDANI.

Jan. 16	2 57 24.03

53 ARIETIS.

Jan. 3	2 59 33.02

WEISSE III, 26.

Jan. 23	3 3 15.13	8.0

δ ARIETIS.

Jan. 16	3 3 37.74
30	37.68
Sept. 7	37.72
Oct. 5	37.76
Nov. 13	37.63
28	37.69
Dec. 25	37.73

ζ ARIETIS.

Jan. 30	3 6 51.54
Dec. 24	51.51

WEISSE III, 114.

Sept. 7	3 7 15.53	9.0
Nov. 28	15.44	9.0

B. A. C. 1019.

1860.	h. m. s.	Mag.
Nov. 13	3 10 25.06	
Dec. 25	25.01	

WEISSE III, 205.

Sept. 7	3 12 8.82	8.0
Oct. 5	8.85	8.0

WEISSE III, 224.

Jan. 23	3 13 2.06

RUMKER 845.

Nov. 28	3 13 55.32	9.0

α PERSEI.

Jan. 30	3 14 20.71
Nov. 13	20.40
Dec. 24	20.61
25	20.64

WEISSE III, 278.

Jan. 23	3 16 27.41	7.0
Oct. 5	27.64	7.5

WEISSE (2) III, 351.

Sept. 7	3 16 43.87	9.0

o TAURI.

Jan. 30	3 17 16.95

WEISSE III, 306.

Nov. 28	3 17 57.21	9.0

WEISSE (2) III, 420.

Nov. 13	3 20 52.24

(*), $-18° 20'$.

Jan. 16	3 22 44.22

RUMKER 879.

Jan. 16	3 22 55.23

f TAURI.

Jan. 30	3 23 8.82
Oct. 5	8.85

WEISSE III, 428.

Sept. 7	3 24 34.94	8.0
Nov. 28	34.84	8.0

WEISSE III, 447.

Jan. 23	3 25 35.31	7.0

B. A. C. 1105.

1860.	h. m. s.	Mag.
Sept. 7	3 28 33.10	

9 TAURI.

Jan. 4	3 28 44.29
30	44.38

B. A. C. 1109.

Nov. 13	3 28 56.80
Dec. 25	56.85

B. A. C. 1110.

Jan. 23	3 29 36.33

11 TAURI.

Jan. 16	3 32 24.84

WEISSE (2) III, 721.

Oct. 5	3 33 23. 39	8.0

17 TAURI.

Jan. 4	3 36 33.94

B. A. C. 1150.

Nov. 13	3 36 40.88

η TAURI.

Jan. 4	3 39 10.01
16	10.00
Feb. 1	9.94
Oct. 5	10.02
Dec. 25	10.03

WEISSE (2) III, 881.

Jan. 30	3 39 51.98	8.5

WEISSE (2) III, 887.

Jan. 23	3 40 2.72	8.0

WEISSE (2) III, 890.

Nov. 13	3 40 30.99

27 TAURI.

Jan. 4	3 40 50.50

WEISSE III, 774.

Sept. 7	3 40 59.65	8.5

WEISSE (2) III, 906.

Nov. 13	3 41 14.78

WEISSE (2) III, 931.

Jan. 30	3 42 17.73	9.0

Hosted by Google

WEISSE (2) III, 1041.

1860.	h. m. s.	Mag.
Jan. 23	3 48 27.04	7.5

ε PERSEI.

Oct. 5	3 48 28.07

γ^1 ERIDANI.

Jan. 4	3 51 29.98
30	29.82
Feb. 1	29.96
Sept. 7	29.85
Oct. 5	29.93
Dec. 25	29.91

A^1 TAURI.

Dec. 25	3 56 25.38

WEISSE (2) III, 1214.

Jan. 30	3 56 53.19	9.0
Sept. 7	53.13	8.5

RUMKER 1079.

Jan. 23	3 57 46.39	8.0
Oct. 5	46.47	

RUMKER 1084.

Jan. 23	3 58 19.46
Oct. 5	19.57

ω^1 TAURI.

Jan. 30	4 1 0.81

WEISSE IV, 21.

Sept. 7	4 2 34.74	9.0

o^1 ERIDANI.

Jan. 16	4 5 2.00
23	1.96
30	1.97
Feb. 2	1.97
20	1.98
Sept. 7	1.96
Oct. 5	1.98
Dec. 26	2.06

δ^1 TAURI.

Sept. 7	4 14 51.87

63 TAURI.

Oct. 5	4 15 23.15

WEISSE (2) IV, 351.

Nov. 28	4 16 52.27	8.5

v^1 TAURI.

Feb. 1	4 17 56.22
2	56.16

ε TAURI.

1860.	h. m. s.	Mag.
Jan. 6	4 20 26.74	
23	26.69	
Feb. 1	26.78	
25	26.74	
Sept. 7	26.69	
Nov. 28	26.67	
Dec. 25	26.70	
26	26.66	

WEISSE (2) IV, 458.

Oct. 5	4 21 37.13	7.0

LALANDE 8479.

Jan. 25	4 42 18.12	8.0

WEISSE (2) IV, 579.

Jan. 23	4 27 16.71	8.5

α TAURI.

Jan. 25	4 27 53.37
Feb. 1	53.34
2	53.45
20	53.45
25	53.42
Sept. 7	53.46
Nov. 28	53.43
Dec. 26	53.40

B. A. C. 1427.

Feb. 25	4 29 2.95

σ^2 TAURI.

Jan. 23	4 31 16.04

WEISSE (2) IV, 713.

Jan. 25	4 33 0.86	9.0

WEISSE (2) IV, 720.

Jan. 25	4 33 20.15	8.5

τ TAURI.

Jan. 6	4 33 50.88
Feb. 1	50.71
2	50.82
Oct. 5	50.72
Nov. 28	50.72
Dec. 26	50.64

μ ERIDANI.

Jan. 6	4 38 30.32
23	30.20
Feb. 23	30.25
25	30.24

ι AURIGÆ.

Jan. 6	4 47 52.81
Feb. 23	52.68
Mar. 2	52.80
Oct. 5	52.67
Dec. 26	52.66

WEISSE (2) IV, 1079.

1860.	h. m. s.	Mag.
Jan. 25	4 48 32.69	

WEISSE (2) IV, 1098.

Feb. 20	4 49 7.36	8.0
25	7.34	8.0

B. A. C. 1531.

Jan. 23	4 49 46.49

ε AURIGÆ.

Feb. 23	4 51 55.69

ι TAURI.

Mar. 1	4 54 43.73
2	43.79
Nov. 28	43.81
Dec. 26	43.81

WEISSE (2) IV, 1257.

Jan. 25	4 55 36.99

WEISSE (2) IV, 1258.

Jan. 25	4 55 38.31	8.5

B. A. C. 1555.

Jan. 6	4 56 1.16

B. A. C. 1561.

Feb. 20	4 56 54.87
23	55.00

WEISSE (2) IV, 1299.

Feb. 25	4 57 10.73	8.0
Oct. 5	10.62	7.5

WEISSE (2) IV, 1364.

Jan. 25	4 59 30.86	8.0

ε LEPORIS.

Jan. 23	4 59 32.05
Feb. 2	32.06
Mar. 1	32.17
2	32.26
Dec. 26	32.18

B. A. C. 1582.

Jan. 6	5 0 17.76

(*), +30° 16′.

Feb. 25	5 4 39.19	9.0

WEISSE (2) V, 111.

Feb. 25	5 5 17.48	8.5

12 AURIGÆ.

1860.	h. m. s.	Mag.
Jan. 6	5 6 5.36	

α AURIGÆ.

Jan. 23	5 6 21.10
Feb. 20	21.05
23	20.92
Mar. 1	20.94
Nov. 28	21.28

β ORIONIS.

Jan. 25	5 7 48.70
Feb. 3	48.67
Mar. 2	48.74

n TAURI.

Mar. 1	5 10 51.96
Nov. 28	52.04

(*), +26° 8′.

Jan. 25	5 11 6.27	9.0
Feb. 25	6.29	9.0

β TAURI.

Jan. 6	5 17 26.62
Feb. 2	26.70
3	26.56
20	26.59
23	26.57
25	26.58
Mar. 1	26.54
2	26.60
Oct. 5	26.63
6	26.58
Nov. 28	26.66

WEISSE (2) V, 513.

Jan. 23	5 18 25.10	
25	25.02	8.5

B. A. C. 1711.

Jan. 23	5 20 55.71

WEISSE (2) V, 630.

Jan. 25	5 22 20.19	8.5

δ ORIONIS.

Jan. 6	5 24 51.37
23	51.35
Feb. 2	51.27
3	51.28
4	51.35
20	51.33
Mar. 1	51.34
Oct. 5	51.32
6	51.34
Nov. 28	51.33
Dec. 26	51.35

B. A. C. 1736.

Feb. 23	5 25 41.69
Mar. 2	41.80

Hosted by Google

ε Orionis.

1860.	h. m. s.	Mag.
Feb. 4	5 29 6.60	
23	6.63	
Mar. 1	6.64	
Oct. 5	6.69	
6	6.65	

ζ Tauri.

Feb. 2	5 29 16.78	
3	16.60	
Nov. 28	16.70	

B. A. C. 1769.

Feb. 20	5 29 58.99	
Mar. 2	58.90	

Weisse (2) V, 912.

Jan. 25	5 30 13.82	7.0

α Columbæ.

Jan. 6	5 34 34.87	
25	34.77	
Feb. 3	34.87	
4	35.00	
23	34.89	

129 Tauri.

Feb. 20	5 38 42.45	
25	42.40	

131 Tauri.

Feb. 4	5 39 14.63	
Mar. 2	14.80	

B. A. C. 1851.

Oct. 6	5 42 19.97	

136 Tauri.

Jan. 6	5 44 31.68	
Oct. 5	31.61	

B. A. C. 1867.

Feb. 4	5 44 59.73	
Mar. 2	59 76	

χ^1 Orionis.

Feb. 2	5 46 5.58	
3	5.66	
4	5.58	
20	5.51	
25	5.62	
Mar. 2	5.57	

Weisse (2) V, 1534.

Jan. 25	5 46 55.79	8.5

α Orionis.

Mar. 1	5 47 35.55	

Weisse V, 1204.

1860.	h. m. s.	Mag.
Feb. 23	5 47 35.79	

36 Aurigæ.

Jan. 6	5 50 21.31	

(*), −14° 13′.

Jan. 25	5 51 24.02	7.5

Weisse V, 1335.

Jan. 25	5 52 27.44	8.0

B. A. C. 1930.

Feb. 4	5 54 47.54	7.5

χ^3 Orionis.

Feb. 20	5 55 10.11	
27	10.25	

1 Geminorum.

Jan. 6	5 55 36.62	
Feb. 3	36.62	
Mar. 1	36.56	
Oct. 5	36.61	

40 Aurigæ.

Feb. 23	5 56 55.90	

(*), − 14° 46′.

Oct. 6	5 58 3.91	9.0

ν Orionis.

Jan. 9	5 59 34.71	
Feb. 4	34.72	
25	34.73	
Mar. 1	34.67	
2	34.69	
17	34.73	

3 Geminorum.

Feb. 20	6 1 13.90	
Dec. 26	13.84	
27	13.90	

Weisse (2) VI, 12

Jan. 25	6 2 38.81	8.0

B. A. C. 1994.

Feb. 4	6 5 3.12	

η Geminorum.

Jan. 6	6 6 25.63	
Feb. 3	25.73	
25	25.59	
Mar. 1	25.51	
2	25.55	
17	25.62	
Oct. 5	25.63	
6	25.62	
Dec. 26	25.54	
27	25.57	

κ Aurigæ.

1860.	h. m. s.	Mag.
Jan. 9	6 6 27.25	
Feb. 20	27.33	
23	27.33	

l Orionis.

Dec. 27	6 9 23.49	

B. A. C. 2038.

Jan. 9	6 12 51.99	
Feb. 25	52.06	7.0

B. A. C. 2039.

Feb. 25	6 12 59.38	

μ Geminorum.

Jan. 6	6 14 29.42	
Feb. 3	29.46	
4	29.34	
Mar. 1	29.35	
2	29.44	
29	29.46	
Oct. 5	29.39	
Nov. 30	29.39	
Dec. 27	29.35	

47 Aurigæ.

Feb. 23	6 19 35.26	
25	35.40	

78 Orionis.

Dec. 27	6 20 6.21	

ν Geminorum.

Feb. 3	6 20 39.10	
4	39.01	

51 Aurigæ.

Mar. 22	6 28 57.23	

γ Geminorum.

Mar. 29	6 29 37.40	
Nov. 30	37.43	
Dec. 27	37.50	

54 Aurigæ.

Feb. 23	6 30 43.32	
Mar. 1	43.25	

ε Geminorum.

Mar. 29	6 35 19.04	
30	19.00	

α Canis Majoris.

Nov. 30	6 38 58.75	

θ Canis Majoris.

Feb. 23	6 47 41.12	
Mar. 1	41.17	
29	41.13	
30	41.16	

ε Canis Majoris.

1860.	h. m. s.	Mag.
Jan. 9	6 53 7.51	
25	7.47	
Feb. 20	7.52	
23	7.53	
Mar. 1	7.48	
2	7.43	
17	7.44	
29	7.44	
30	7.50	
Oct. 5	7.58	
Nov. 4	7.48	
30	7.55	
Dec. 27	7.49	

ω Geminorum.

Feb. 4	6 53 52.90	

ζ Geminorum.

Feb. 23	6 55 48.17	
Mar. 1	48.15	
Nov. 30	48.17	

γ Canis Majoris.

Jan. 9	6 57 25.46	
25	25.45	
Feb. 4	25.56	
25	25.51	
Mar. 2	25.50	
17	25.51	
29	25.47	
30	25.50	
Oct. 5	25.54	
Nov. 4	25.46	
Dec. 27	25.55	

τ Geminorum.

Jan. 20	7 2 13.48	
Mar. 30	13.34	

B. A. C. 2341.

Feb. 23	7 2 27.79	

(*), +22° 30′.

Jan. 25	7 3 36.60	8.0

(*), +22° 30′.

Jan. 25	7 3 37.00	8.0

48 Geminorum.

Dec. 27	7 3 55.86	

51 Geminorum.

Mar. 1	7 5 19.78	
2	19.75	

O. Arg. N. 7753.

Jan. 25	7 9 35.86	8.5

47 Camelopardi.

Jan. 25	7 9 59.67	7.5

Hosted by Google

RUMKER 2175.

1860.	h. m. s.	Mag.
Mar. 17	7 10 0.37	7.0

δ GEMINORUM.

Feb. 4	7 11 45.57	
20	45.52	
23	45.53	
Mar. 2	45.54	
29	45.60	
30	45.47	
31	45.61	
Nov. 4	45.57	
30	45.49	
Dec. 27	45.48	

21 LYNCIS.

Jan. 9	7 16 8.37	
Feb. 20	8.52	

22 LYNCIS.

Feb. 23	7 19 17.56	
Mar. 2	17.56	

β CANIS MINORIS.

Mar. 30	7 19 33.38	
31	33.50	

(*), +10° 21′.

Jan. 25	7 19 39.27	8.5

LALANDE 14637.

Jan. 25	7 25 15.84	7.0
Nov. 4	15.93	

α¹ GEMINORUM.

Feb. 23	7 25 39.28	
Mar. 17	39.36	
31	39.33	

α² GEMINORUM.

Feb. 20	7 25 39.71	
23	39.69	
Mar. 17	39.72	
31	39.74	

υ GEMINORUM.

Feb. 4	7 27 17.55	
Mar. 1	17.36	
2	17.42	

70 GEMINORUM.

Jan. 29	7 29 21.03	
Feb. 20	21.07	
Mar. 5	21.05	

WEISSE (2) VII, 874.

Jan. 25	7 29 58.87	9.0
Nov. 4	58.92	9.0

f GEMINORUM.

Feb. 23	7 31 23.34	
Mar. 1	23.32	
2	23.29	
30	23.30	

α CANIS MINORIS.

1860.	h. m. s.	Mag.
Mar. 7	7 31 58.32	
17	58.42	
31	58.39	

(*), +10° 28′.

Jan. 25	7 33 23.94	9.0

κ GEMINORUM.

Mar. 30	7 35 59.46	
31	59.48	

β GEMINORUM.

Feb. 27	7 36 44.61	
Mar. 1	44.66	
2	44.66	
5	44.61	
7	44.56	
17	44.65	
Nov. 4	44.66	

11 CANIS MINORIS.

Jan. 9	7 38 33.74	
Feb. 23	33.69	

ξ NAVIS.

Jan. 25	7 43 24.32	
Mar. 5	24.51	
7	24.48	
15	24.40	
Nov. 4	24.36	

φ GEMINORUM.

Mar. 30	7 44 55.39	
31	55.41	

52 CAMELOPARDI.

Jan. 9	7 45 4.43	
Feb. 23	4.64	
Mar. 2	4.60	

9 PUPPIS.

Feb. 27	7 45 17.34	
Mar. 1	17.36	

54 CAMELOPARDI.

Jan. 9	7 51 10.10	
Feb. 23	10.31	
Mar. 5	10.12	
7	10.25	
15	10.25	

3 CANCRI.

Feb. 27	7 52 45.70	

6 CANCRI.

Mar. 31	7 54 54.79	
Nov. 4	54.83	

B. A. C. 2679

Mar. 2	7 55 35.31	
5	35.32	
15	35.34	7.5

B. A. C. 2677.

1860.	h. m. s.	Mag.
Mar. 30	7 57 3.84	

28 LYNCIS.

Feb. 23	7 57 27.35	
27	27.23	

ρ ARGUS.

Jan. 9	8 1 34.97	
Feb. 27	34.99	
Mar. 5	35.00	
7	35.01	
15	34.97	
31	35.01	
Nov. 4	34.89	

B. A. C. 2732.

Mar. 2	8 2 39.37	

β CANCRI.

Jan. 9	8 8 55.22	
Feb. 27	55.22	
Mar. 5	55.21	
7	55.34	
30	55.22	
31	55.22	

30 LYNCIS.

Mar. 1	8 9 6.15	

λ CANCRI.

Mar. 31	8 12 12.32	

31 LYNCIS.

Mar. 1	8 13 14.38	

B. A. C. 2798.

Jan. 9	8 15 13.18	
Feb. 27	13.26	
Apr. 2	13.40	

d² CANCRI.

Mar. 1	8 17 54.17	

υ¹ CANCRI, (1st *.)

Mar. 7	8 18 19.83	

υ¹ CANCRI, (2d *.)

Mar. 7	8 18 20.04	

WEISSE (2) VIII, 408.

Mar. 15	8 18 28.33	8.0

29 CANCRI.

Feb. 27	8 20 48.36	
Mar. 5	48.39	
28	48.38	
30	48.36	
Apr. 2	48.38	

B. A. C. 2855.

1860.	h. m. s.	Mag.
Feb. 27	8 23 48.19	

η CANCRI.

Jan. 9	8 24 36.41	
Feb. 7	36.43	
Mar. 1	36.46	
2	36.46	
4	36.46	
5	36.44	
7	36.45	
15	36.41	
28	36.46	
30	36.48	
Apr. 2	36.48	
Nov. 4	36.47	

B. A. C. 2892.

Mar. 28	8 28 53.93	
30	53.94	
Apr. 2	53.93	

B. A. C. 2930.

Mar. 5	8 34 42.41	

γ CANCRI.

Feb. 7	8 35 10.68	
Mar. 4	10.70	
7	10.74	
30	10.71	
31	10.73	
Apr. 2	10.81	
Nov. 4	10.70	

δ CANCRI.

Jan. 9	8 36 43.45	
Mar. 31	43.42	

ε HYDRÆ.

Feb. 7	8 39 21.62	
27	21.58	
Mar. 4	21.57	
5	21.58	
7	21.60	
20	21.56	
22	21.57	
28	21.58	
30	21.58	
Apr. 2	21.48	
14	21.58	

WEISSE VIII, 1012, (1st *.)

Mar. 15	8 39 32.26	8.5

B. A. C. 2991.

Jan. 9	8 42 46.71	
Feb. 7	46.62	

RUMKER 2699.

Apr. 14	8 48 51.77	7.0

LALANDE 17662.

Mar. 22	8 49 35.14	8.5
28	35.12	8.5

Hosted by Google

ι Ursæ Majoris.

1860.	h. m. s.	Mag.
Feb. 7	8 49 36.18	
27	36.21	
Mar. 5	36.31	
7	36.24	
30	36.32	
31	36.23	
Apr. 2	36.35	

O. Arg. N. 9460.

Mar. 20	8 49 41.29	8.5

68 Cancri.

Mar. 5	8 53 51.86

B. A. C. 3091.

Mar. 7	8 56 36.21	
20	36.28	
22	36.32	
Apr. 14	36.22	

Weisse VIII, 1476.

Mar. 15	8 58 0.53	8.5

σ^2 Ursæ Majoris.

Apr. 2	8 58 1.41

τ Cancri.

Feb. 7	8 59 35.12
27	35.14

κ Cancri.

Mar. 20	9 0 9.62	
22	9.66	
28	9.68	

Weisse VIII, 1529.

Mar. 15	9 0 34.52	
Apr. 14	34.61	7.0

ξ Cancri.

Mar. 30	9 1 18.21

79 Cancri.

Mar. 4	9 2 17.84
5	17.93

36 Lyncis.

Feb. 27	9 4 37.86

B. A. C. 3138.

Feb. 7	9 5 37.06
Mar. 22	37.14
30	37.09

(*), + 25° 14′.

Mar. 15	9 8 37.22	8.5

Weisse (2) IX, 172.

1860.	h. m. s.	Mag.
Mar. 20	9 9 14.22	8.5
22	14.21	8.5
28	14.22	8.5

83 Cancri.

Feb. 7	9 11 9.66
27	9.66
Mar. 4	9.69
5	9.76
20	9.71
30	9.76
Apr. 2	9.82
14	9.72

B. A. C. 3181.

Mar. 7	9 12 44.98
22	44.92

o Arg. N. 9842.

Mar. 15	9 15 9.62

o Arg. N. 9844.

Mar. 28	9 15 12.08	9.0
Apr. 2	12.33	8.5

B. A. C. 3194.

Mar. 20	9 15 25.33

(*), − 38° 49′.

Apr. 14	9 16 48.44	7.0

1 Draconis.

Mar. 30	9 16 48.44

(*), − 38° 46′.

Apr. 14	9 16 57.08	7.5

(*), − 38° 52′.

Apr. 14	9 18 43.02	6.0

41 Lyncis.

Mar. 5	9 19 28.33
7	28.43

α Hydræ.

Mar. 4	9 20 42.40
15	42.41
22	42.44
31	42.43

24 Ursæ Majoris.

Mar. 30	9 22 2.17

Weisse (2) IX, 478.

Mar. 28	9 23 3.81	
Apr. 2	3.84	9.0

Weisse (2) IX, 471.

1860.	h. m. s.	Mag.
Mar. 20	9 23 13.51	7.0
22	13.56	7.0

θ Ursæ Majoris.

Mar. 27	9 23 28.29

ξ Leonis.

Mar. 5	9 24 23.78

9 Leonis Minoris.

Mar. 7	9 24 54.05

(*), − 36° 11′.

Apr. 14	9 25 45.33	7.0

Weisse IX, 579.

Mar. 13	9 26 48.38	9.0

Lacaille 3918.

Mar. 28	9 29 22.57	7.0
Apr. 2	22.60	

12 Leonis.

Mar. 7	9 31 9.37
22	9.38
27	9.43

Weisse (2) IX, 660.

Mar. 15	9 31 17.63	9.0

(*), − 36° 21′.

Apr. 14	9 32 8.82	6.0

Weisse (2) IX, 686.

Mar. 30	9 32 41.41	7.5

(*), − 38° 5′.

Apr. 2	9 33 25.73	6.0

o Leonis.

Feb. 7	9 33 40.52
Mar. 5	40.53
30	40.37
Apr. 26	40.61

B. A. C. 3314.

Mar. 22	9 34 31.18
27	31.18

15 Leonis.

Feb. 7	9 36 32.40

Weisse (2) IX, 794.

Mar. 15	9 37 49.04	7.5

ε Leonis.

1860.	h. m. s.	Mag.
Mar. 5	9 37 53.82	
27	53.87	
30	53.81	
Apr. 26	53.88	
30	53.85	

B. A. C., 3333.

Mar. 7	9 38 23.01	6.5
22	22.97	6.0

Weisse IX, 868.

Mar. 20	9 39 58.52	8.0

Lacaille 4006.

Apr. 2	9 40 4.80	6.5
14	4.90	6.0

Weisse (2) IX, 867.

Mar. 15	9 41 21.12	8.0

20 Leonis.

Mar. 5	9 41 59.58

o Ursæ Majoris.

Mar. 7	9 42 33.31
22	33.25

Lacaille 4036.

Apr. 26	9 43 36.13

Lacaille 4045.

Apr. 14	9 44 17.18	7.0

μ Leonis.

Mar. 27	9 44 47.67

Rumker 2981.

Mar. 20	9 45 43.82

Weisse IX, 998.

Mar. 15	9 46 29.67

(*), − 39° 20′.

Apr. 2	9 47 0.32	8.0

19 Leonis Minoris.

Feb. 7	9 49 5.55

ν Leonis.

Mar. 7	9 50 41.33
22	41.26

Hosted by Google

B. A. C., 3409.

1860.	h. m. s.	Mag.
Mar. 27	9 51 31.20	

π Leonis.

Feb. 7	9 52 48.74	
Mar. 7	48.80	
15	48.72	
20	48.74	
28	48.79	
Apr. 2	48.72	
26	48.79	
30	48.76	

Lacaille 4107.

Apr. 14	9 55 21.80	6.0

B. A. C. 3427.

Mar. 20	9 55 48.47	
22	48.44	
27	48.50	

(*), — 38° 48′.

Apr. 14	9 57 11.61	6.0

B. A. C. 3439.

Mar. 7	9 57 33.25	

(*), +13° 13′.

Mar. 15	9 57 57.68	9.0

B. A. C. 3448.

Apr. 26	9 59 19.71	6.0

α Leonis.

Feb. 7	10 0 54.75	
9	54.78	
Mar. 9	54.74	
15	54.81	
22	54.76	
27	54.80	
28	54.74	
Apr. 2	54.70	
14	54.74	
30	54.79	

B. A. C. 3466.

Mar. 20	10 2 31.76	

B. A. C. 3468.

Mar. 7	10 2 54.20	

Lacaille 4165.

Apr. 26	10 3 20.42	7.0

Weisse X, 45.

Mar. 28	10 4 5.86	8.0

Weisse X, 70.

1860.	h. m. s.	Mag.
Feb. 9	10 5 25.04	8.0
Mar. 20	24.98	8.0

Lacaille 4185.

Apr. 26	10 5 36.73	7.0

B. A. C. 3497.

Apr. 14	10 7 48.56	6.0

B. A. C. 3498.

Apr. 14	10 7 58.56	6.0

23 Leonis Minoris.

Feb. 7	10 8 16.64	
Mar. 5	16.69	
7	16.62	

Rumker 3113.

Mar. 27	10 8 42.10	

Weisse X, 173.

Apr. 30	10 10 56.12	9.0

γ¹ Leonis.

Mar. 7	10 12 14.90	
15	14.89	
20	14.93	
22	14.92	
27	14.89	
28	14.93	
Apr. 11	14.97	
13	14.96	
14	14.91	

Lacaille 4242.

Apr. 26	10 12 28.87	6.0

26 Leonis Minoris.

Feb. 7	10 14 58.26	

(*), −3° 2′.

Mar. 20	10 15 34.46	7.5

B. A. C. 3553.

Mar. 5	10 16 27.31	
15	27.14	

Rumker 3172.

Mar. 27	10 17 32.31	9.0
Apr. 30	32.29	8.5

29 Leonis Minoris.

Apr. 13	10 17 39.81	

30 Leonis Minoris.

Apr. 11	10 17 52.72	

45 Leonis.

1860.	h. m. s.	Mag.
Feb. 7	10 20 15.17	

Weisse (2) X, 412.

Apr. 11	10 21 9.80	

(*), −33° 43′.

Apr. 14	10 21 30.00	6.0
26	30.01	6.5

32 Leonis Minoris.

Feb. 9	10 21 55.12	
Mar. 15	55.38	

Weisse X, 378.

Mar. 27	10 21 59.35	7.0
28	59.33	8.0

Rumker 3211.

Apr. 30	10 23 9.92	

B. A. C. 3607.

Mar. 22	10 25 2.99	
Apr. 13	2.98	

ρ Leonis.

Feb. 8	10 25 26.18	
9	26.16	
Mar. 5	26.21	
7	26.19	
15	26.25	
Apr. 2	26.27	
11	26.19	
26	26.19	
30	26.23	

34 Leonis Minoris.

Mar. 20	10 25 29.91	

(*), −33° 42′.

Apr. 14	10 25 40.40	8.0

Weisse X, 468.

Mar. 27	10 26 56.67	9.0
28	56.65	9.0

Weisse X, 474.

Mar. 27	10 27 27.05	8.0
28	27.06	8.0

B. A. C. 3630.

Apr. 26	10 29 0.12	5.0

Weisse X, 538.

Mar. 20	10 30 27.77	8.5

B. A. C. 3637

Feb. 9	10 30 38.47	
Mar. 7	38.54	

Weisse X, 548.

1860.	h. m. s.	Mag.
Mar. 20	10 30 47.90	

Weisse (2) X, 660.

Mar. 22	10 32 35.49	7.0
28	35.58	7.0
Apr. 13	35.62	
30	35.50	7.0

(*), −11° 27′.

Mar. 27	10 34 1.54	8.5

Lacaille 4399.

Apr. 26	10 34 28.25	5.5

Lacaille 4407.

Apr. 26	10 35 6.71	6.0

B. A. C. 3674.

Mar. 22	10 35 9.51	
Apr. 11	9.53	

34 Sextantis.

Feb. 8	10 35 23.65	
9	23.62	
Mar. 7	23.61	
Apr. 2	23.69	
30	23.64	

(*), −36° 13′.

Apr. 14	10 36 14.76	6.0

Weisse (2) X, 776.

Apr. 13	10 38 19.88	8.0

37 Sextantis.

Feb. 7	10 38 48.16	
Apr. 2	48.26	

Weisse X, 702.

Mar. 20	10 39 59.60	8.0

Weisse (2) X, 830.

Mar. 27	10 41 22.48	

l Leonis.

Feb. 7	10 41 53.72	
8	53.79	
Mar. 22	53.70	
28	53.71	
Apr. 2	53.71	
4	53.69	
13	53.71	
14	53.71	
26	53.69	

39 Sextantis.

Feb. 9	10 41 56.96	
Mar. 7	56.97	

Hosted by Google

B. A. C. 3720.

1860.	h. m. s.	Mag.
Apr. 11	10 43 42.83	
30	42.79	

LACAILLE 4498.

Apr. 26	10 46 30.82	7.0

B. A. C. 3732.

Feb. 9	10 46 35.95
Mar. 7	36.06
22	35.96

(*), −33° 49′.

Apr. 14	10 47 24.07	6.5

B. A. C. 3741.

Feb. 7	10 47 58.39

WEISSE X, 879.

Mar. 27	10 48 32.56	9.0

(*), +35° 56′.

Mar. 28	10 49 15.76	8.0

WEISSE X, 914.

Apr. 11	10 50 52.76	8.0

d LEONIS.

Feb. 8	10 53 19.66
Apr. 2	19.78

α URSÆ MAJORIS.

Mar. 7	10 55 3.40
20	3.38
22	3.43
28	3.46
Apr. 4	3.13
13	3.41
14	3.06
26	3.24

B. A. C. 3781.

Apr. 11	10 56 29.01	
30	28.95	7.0

(*), +34° 34′.

Mar. 27	10 57 40.73	9.5

χ LEONIS.

Feb. 7	10 57 47.61
8	47.61
Apr. 2	47.66
27	47.52
May 28	47.63

(*), −32° 49′.

Apr. 14	11 0 32.20	6.5
26	32.16	7.0

WEISSE (2) XI, 58.

1860.	h. m. s.	Mag.
Mar. 27	11 4 31.82	8.5

WEISSE (2) XI, 90.

Mar. 20	11 5 43.59	7.0
22	43.62	7.0

β[5] LEONIS.

Mar. 7	11 6 35.55
Apr. 30	35.54

δ LEONIS.

Apr. 11	11 6 39.44
14	39.44
26	39.40
27	39.40
May 28	39.46

WEISSE (2) XI, 126.

Mar. 27	11 7 40.03	9.0

72 LEONIS.

Feb. 8	11 7 45.12
9	45.01

B. A. C. 3846.

Apr. 4	11 8 47.28
13	47.49

φ LEONIS.

Mar. 7	11 9 32.66

δ CRATERIS.

Feb. 8	11 12 20.62
9	20.66
Mar. 20	20.63
22	20.59
27	20.59
Apr. 4	20.61
11	20.63
13	20.57
14	20.62
26	20.65
27	20.66

σ LEONIS.

Apr. 30	11 13 54.96
May 28	54.97

71 LEONIS.

Mar. 22	11 15 9.09
Apr. 11	9.06

B. A. C. 3875.

Apr. 26	11 16 26.26	5.0

ι LEONIS.

Apr. 4	11 16 37.40

(*), +31° 49′.

1860.	h. m. s.	Mag.
Mar. 27	11 17 3.55	9.0

WEISSE XI, 318.

Feb. 9	11 18 51.41	7.0

τ LEONIS.

Mar. 7	11 20 44.18
Apr. 30	44.20

B. A. C. 3902.

Mar. 20	11 20 45.65
22	45.67
Apr. 11	45.62
27	45.67

ε LEONIS.

Feb. 9	11 23 9.68
Apr. 4	9.73

86 LEONIS.

Mar. 20	11 23 10.43

LACAILLE 4777.

Apr. 26	11 26 1.29	6.0

RUMKER 3636.

Mar. 27	11 26 50.98	8.0

WEISSE XI, 468.

Apr. 13	11 27 36.85	8.0

WEISSE (2) XI, 509.

Mar. 22	11 27 45.24	6.0
Apr. 11	45.26	7.0

B. A. C. 3940.

Apr. 26	11 29 22.37

LACAILLE 4805.

Apr. 26	11 29 44.50	7.0

υ LEONIS.

Feb. 8	11 29 46.86
9	46.78
Mar. 7	46.89
20	46.82
27	46.84
Apr. 4	46.84
13	46.86
30	46.84

ι CRATERIS.

Mar. 22	11 31 33.50
Apr. 11	33.49

(*), +6° 51′.

Apr. 27	11 31 51.68	7.0

92 LEONIS.

1860.	h. m. s.	Mag.
Mar. 7	11 33 30.01	
20	29.95	

RUMKER 3697.

Mar. 27	11 34 48.56	7.0

B. A. C. 3973.

Feb. 8	11 36 11.92

B. A. C. 3974.

Apr. 26	11 36 29.38	6.0

WEISSE XI, 641.

Apr. 30	11 36 57.99	8.0

χ URSÆ MAJORIS.

Mar. 20	11 38 38.68
22	38.66
Apr. 4	38.47
11	38.64
27	38.52

β LEONIS.

Feb. 8	11 41 54.88
Mar. 20	54.92
22	54.91
27	54.95
Apr. 4	54.92
11	54.92
13	54.92
24	54.95
26	54.94
May 3	54.92

WEISSE (2) XI, 838.

Apr. 30	11 42 51.83	9.0

β VIRGINIS.

May 28	11 43 24.19
29	24.03

B. A. C. 4006.

Mar. 7	11 43 52.88

B. A. C. 4014.

Apr. 13	11 45 33.09	
27	33.19	7.0

γ URSÆ MAJORIS.

Feb. 8	11 46 26.96
9	26.75
Mar. 20	26.95
22	26.98
27	26.96
Apr. 11	26.99
24	27.12
30	26.83
May 3	26.73

Hosted by Google

(*), −33° 18′.

1860.	h. m. s.	Mag.
Apr. 26	11 48 21.91	

B. A. C. 4037.

Apr. 13	11 49 57.51	
27	57.59	

π Virginis.

Apr. 2	11 53 41.81	
11	41.81	
May 28	41.87	

1 Comæ.

Feb. 8	11 54 33.79	
Apr. 30	33.69	

B. A. C. 4063.

Feb. 9	11 56 25.71	
11	25.77	

2 Comæ.

Apr. 24	11 57 6.28	
26	6.13	

B. A. C. 4070.

May 3	11 57 36.18	

Lacaille 5015.

Apr. 27	11 58 54.56	

B. A. C. 4080.

Feb. 9	12 0 4.62	
Apr. 11	4.56	
13	4.51	

Weisse (2) XI, 1206.

Apr. 30	12 0 54.04	8.5

B. A. C. 4088.

Apr. 26	12 1 7.27	6.0

B. A. C. 4095.

Apr. 26	12 2 49.23	5.5

B. A. C. 4100.

Feb. 8	12 3 39.01	

B. A. C. 4122.

Apr. 13	12 8 25.98	
27	26.08	

(*), −23° 54′.

Apr. 24	12 11 31.40	8.0

8 Comæ.

1860.	h. m. s.	Mag.
Apr. 24	12 12 14.64	

η Virginis.

Feb. 8	12 12 44.61	
9	44.60	
Apr. 11	44.60	
May 3	44.61	
23	44.60	
28	44.60	
29	44.59	

B. A. C. 4153.

Apr. 13	12 13 17.06	

Weisse (2) XII, 320.

Apr. 24	12 15 32.10	7.5

B. A. C. 4171.

May 14	12 15 57.56	7.0

4 Canum Venaticorum.

Feb. 8	12 16 53.29	
Apr. 13	53.15	

(*), +43° 20′.

May 3	12 17 30.62	

δ Corvi.

Apr. 27	12 22 37.45	

7 Canum Venaticorum.

Apr. 13	12 23 24.80	

Weisse XII, 409.

May 3	12 24 43.61	8.0

q Virginis.

Feb. 9	12 26 33.32	
May 29	33.32	

β Corvi.

May 14	12 27 2.30	

B. A. C. 4241.

Apr. 13	12 28 4.81	6.0
24	4.81	
27	4.73	

24 Comæ.

Apr. 13	12 28 6.21	4.5
24	6.23	
27	6.25	

Weisse XII, 494.

May 3	12 30 7.44	8.0

χ Virginis.

1860.	h. m. s.	Mag.
Apr. 24	12 32 1.33	
27	1.39	
May 29	1.30	

Weisse XII, 549.

May 3	12 33 26.74	7.5

28 Virginis.

Feb. 9	12 34 43.35	

B. A. C. 4277.

Apr. 13	12 36 26.70	
24	26.73	

Weisse XII, 665.

May 16	12 39 34.66	9.0

28 Comæ.

Apr. 27	12 41 13.62	
May 3	13.47	
14	13.45	

Weisse (2) XII, 877.

Apr. 13	12 43 17.34	8.0
24	17.37	8.0

ψ Virginis.

Feb. 9	12 47 4.45	
May 3	4.55	
29	4.46	

α Canum Venaticorum.

Mar. 9	12 49 28.22	
Apr. 24	28.36	

37 Comæ.

Apr. 24	12 53 34.21	

B. A. C. 4382.

Mar. 9	12 59 3.98	
Apr. 13	3.97	
24	4.04	

θ Virginis.

Mar. 9	13 2 42.18	
Apr. 24	42.27	
May 16	42.22	
22	42.23	
23	42.19	
29	42.17	

(*), + 13° 4′.

May 14	13 3 6.61	9.0

53 Virginis.

May 3	13 4 36.79	

β Comæ.

1860.	h. m. s.	Mag.
Apr. 24	13 5 20.16	
May 16	20.16	

58 Virginis.

Mar. 9	13 10 7.25	

B. A. C. 4468.

Apr. 24	13 14 28.26	
May 16	28.22	

α Virginis.

Mar. 9	13 17 49.27	
Apr. 13	49.25	
27	49.28	
May 14	49.19	
16	49.28	
22	49.24	
29	49.26	
June 1	49.30	

B. A. C. 4519.

June 1	13 25 11.01	

75 Virginis.

Apr. 6	13 25 23.18	

ζ Virginis.

Mar. 9	13 27 33.70	
Apr. 24	33.68	
May 3	33.66	
16	33.65	
22	33.67	
June 1	33.66	

B. A. C. 4536.

May 14	13 28 32.50	

B. A. C. 4553.

Apr. 27	13 31 23.71	
May 16	23.74	

m Virginis.

May 23	13 34 15.92	
June 1	16.04	

2 Bootis.

Apr. 6	13 34 24.95	
24	24.87	
May 22	24.82	

86 Virginis.

May 23	13 38 28.89	

3 Bootis.

Apr. 24	13 40 13.13	
27	13.16	

Hosted by Google

τ Bootis.

1860.	h. m. s.	Mag.
June 1	13 40 36.52	

84 Ursæ Majoris.

May 16	13 41 21.78
22	21.82

η Ursæ Majoris.

Apr. 6	13 42 1.24

89 Virginis.

Mar. 9	13 42 16.30
10	16.30
May 3	16.19
4	16.26

υ Bootis.

Apr. 24	13 42 43.44

B. A. C. 4627.

Apr. 27	13 44 53.60
June 1	53.62

B. A. C. 4640.

May 14	13 46 49.15
16	49.27
22	49.14

η Bootis.

Mar. 10	13 48 1.10
Apr. 6	1.08
May 3	1.05
4	1.05
June 1	1.08
2	1.05
15	1.10
25	1.03

Weisse (2) XIII, 1084.

May 14	13 49 43.69	6.0
16	43.67	6.5
22	43.63	7.0

B. A. C. 4652.

Apr. 24	13 49 57.62
27	57.61

τ Virginis.

Mar. 9	13 54 31.40
Apr. 6	31.39
24	31.36
27	31.34
May 3	31.41
4	31.40
22	31.42
June 2	31.42
15	31.42
25	31.39

Weisse XIII, 974.

June 1	13 56 32.12	9.0

B. A. C. 4682.

1860.	h. m. s.	Mag.
Apr. 27	13 57 36.60	
May 16	36.61	

B. A. C. 4694.

Apr. 24	14 0 13.62
May 3	13.56
4	13.69

α Draconis.

Apr. 6	14 0 36.05

Weisse (2) XIV, 11.

May 14	14 1 50.33	7.0
June 15	50.43	7.0

(*), + 66° 16′.

June 1	14 1 56.32	9.0
2	56.51	9.0

B. A. C. 4700.

Apr. 24	14 3 12.02
27	12.03
May 22	11.92

d Bootis.

June 25	14 4 0.78

κ Virginis.

May 3	14 5 25.91
23	25.85
June 22	25.88

14 Bootis.

Apr. 27	14 7 21.22
May 4	21.22

B. A. C. 4722.

June 25	14 7 41.54

Weisse XIV, 130.

May 14	14 8 32.21	9.0

α Bootis.

Mar. 9	14 9 16.55
10	16.57
June 22	16.54

λ Virginis.

May 3	14 11 32.38
4	32.23
23	32.40

Weisse (2) XIV, 248.

May 16	14 11 57.98	8.5
June 1	57.99	8.5

A Bootis.

1860.	h. m. s.	Mag.
Apr. 27	14 12 4.51	
May 22	4.48	

B. A. C. 4752.

June 2	14 12 22.32

18 Bootis.

June 22	14 12 29.74

Lalande 26210.

May 14	14 13 4.34	8.0

B. A. C. 4776.

Apr. 6	14 17 43.43	
27	43.41	7.0
June 22	43.42	

B. A. C. 4783.

May 4	14 19 46.25
14	46.40
June 2	46.20
25	46.13

Weisse XIV, 422.

June 1	14 23 36.69	9.0

B. A. C. 4805.

Apr. 27	14 24 5.70
June 22	5.59
25	5.70

ρ Bootis.

Mar. 10	14 25 47.76
June 2	47.74
July 25	47.60

26 Bootis.

Apr. 6	14 26 10.66

γ Bootis.

May 4	14 26 26.26
14	26.32

Rumker 4737.

May 22	14 26 46.60	9.0

5 Ursæ Minoris.

May 16	14 27 51.76

Weisse XIV, 519.

June 1	14 28 53.39	8.5

B. A. C. 4830.

Apr. 27	14 29 45.96
June 2	45.87

B. A. C. 4841.

1860.	h. m. s.	Mag.
Apr. 6	14 32 57.06	
May 14	56.97	
June 20	56.84	
22	56.82	

34 Bootis.

May 16	14 37 16.08
22	16.06

5 Libræ.

June 1	14 38 14.91

108 Virginis.

June 20	14 38 22.34	6.5
22	22.44	6.5

o Bootis.

Apr. 27	14 38 42.48
May 14	42.56

ε Bootis.

Mar. 13	14 38 52.33
June 2	52.34
25	52.35
29	52.30
July 25	52.26

56 Hydræ.

Apr. 6	14 39 34.92

B. A. C. 4888.

May 22	14 41 13.71	6.0

α Libræ.

Mar. 13	14 43 8.32
Apr. 6	8.28
27	8.25
May 4	8.27
14	8.32
16	8.29
23	8.29
June 1	8.30
15	8.24
20	8.27
22	8.36
29	8.29
July 25	8.27

B. A. C. 4902.

June 2	14 43 56.68

Rumker 4840.

May 22	14 45 49.47	9.0

ξ^2 Libræ.

May 23	14 49 10.64
June 26	10.59
29	10.49

Hosted by Google

GROOMBRIDGE 2168.

1860.	h. m. s.	Mag.
May 14	14 50 49.54	
16	49.35	8.5
June 25	49.54	8.5

GROOMBRIDGE 2169.

June 22	14 50 51.35	8.0

β URSÆ MINORIS.

Mar. 13	14 51 9.54
Apr. 6	9.29
27	9.35
June 1	9.44
2	9.07
20	9.46

β URSÆ MINORIS, S. P.

Jan. 16	14 51 9.39

(*), +43° 54′.

May 22	14 53 53.07	9.0

2 SERPENTIS.

June 25	14 54 38.87	6.0

20 LIBRÆ.

May 4	14 55 52.91
23	52.94
June 1	52.99
26	53.03
28	53.10
29	52.92
July 25	52.99

ω BOOTIS.

June 2	14 55 58.50
13	58.46

β BOOTIS.

Apr. 6	14 56 40.35
May 16	40.24
June 20	40.36

WEISSE XIV, 1072.

May 22	14 57 17.98	9.0

B. A. C. 4965.

June 22	14 58 9.79	6.0

WEISSE XIV, 1118.

June 25	14 59 45.45	8.5

WEISSE XIV, 1121.

June 25	14 59 54.30	8.0

B. A. C. 4993.

Mar. 13	15 2 29.57
Apr. 6	29.52
June 20	29.53

ι^1 LIBRÆ.

1860.	h. m. s.	Mag.
May 4	15 4 14.74	
23	14.79	
June 1	14.82	
26	14.87	
29	14.78	

WEISSE XV, 79.

June 22	15 6 3.38	7.5

WEISSE XV, 91.

June 2	15 6 34.19

β LIBRÆ.

Mar. 13	15 9 28.60
Apr. 6	28.58
May 4	28.58
16	28.58
22	28.56
June 11	28.63
20	28.60
26	28.58
29	28.60
July 25	28.66

B. A. C. 5048.

Mar. 13	15 12 7.91
June 2	7.70

5 SERPENTIS.

June 25	15 12 10.09

WEISSE XV, 210.

June 22	15 12 37.03

ϕ^2 LUPI.

June 11	15 14 13.08
20	13.18

WEISSE XV, 249.

May 22	15 14 49.52	9.0

o^2 LIBRÆ.

June 26	15 15 13.61
28	13.70
29	13.50

WEISSE XV, 265.

June 25	15 15 43.66	8.0

WEISSE XV, 281.

June 22	15 16 18.81	8.0

τ^1 SERPENTIS.

Mar. 13	15 19 17.83
May 22	17.76
June 1	17.82

B. A. C. 5091.

1860.	h. m. s.	Mag.
June 2	15 20 18.88	
20	18.80	
25	18.83	

ζ^1 LIBRÆ.

June 26	15 20 21.99
28	22.08
29	21.92

B. A. C. 5092.

June 13	15 20 35.68

WEISSE XV, 400.

June 22	15 22 8.54	8.5

γ LIBRÆ.

July 10	15 27 41.95

α CORONÆ BOREALIS.

June 1	15 28 45.58
11	45.54
13	45.62
22	45.52
26	45.52
29	45.59
July 25	45.60

τ^3 SERPENTIS.

Mar. 13	15 29 12.00

μ CORONÆ BOREALIS.

May 22	15 30 6.56
June 2	6.51

LALANDE 28453.

June 20	15 30 44.15	7.0

WEISSE XV, 585.

June 25	15 31 27.32	8.0

κ LIBRÆ.

June 29	15 33 53.03
July 10	53.12

B. A. C. 5184.

June 22	15 34 53.97

χ SERPENTIS.

May 22	15 35 12.24
June 1	12 16

α SERPENTIS.

1860.	h. m. s.	Mag.
Mar. 13	15 37 22.37	
June 2	22.42	
9	22.39	
11	22.44	
13	22.38	
22	22.41	
25	22.37	
26	22.37	
29	22.41	
July 16	22.37	
25	22.40	

LALANDE 28697.

June 20	15 37 54.21	7.0

LALANDE 28766.

July 16	15 41 4.33	8.0

WEISSE XV, 845.

June 25	15 42 7.62	9.0

B. A. C. 5236.

Mar. 13	15 42 48.30
May 22	48.26

WEISSE XV, 828.

June 20	15 43 18.02	8.0
22	17.99	8.0

b SERPENTIS.

June 9	15 43 58.24	5.5
11	58.22	6.0

ρ SERPENTIS.

June 1	15 45 6.96
2	7.02

WEISSE XV, 864.

July 14	15 45 26.59

47 LIBRÆ.

June 22	15 46 55.15	7.0

ρ SCORPII.

June 1	15 48 14.80
2	14.77

ζ URSÆ MINORIS.

May 22	15 49 8.45
June 13	8.05
26	8.05
July 25	8.00

ζ URSÆ MINORIS, S. P.

Jan. 16	15 49 8.22

WEISSE XV, 939.

July 16	15 49 44.82	9.0

Hosted by Google

2 Herculis.

1860.	h. m. s.	Mag.
Mar. 13	15 49 57.93	
June 9	57.70	
19	57.68	

π Scorpii.

June 11	15 50 23.16	

4 Herculis.

May 6	15 50 47.89	
July 13	47.87	

Lalande 29043.

June 20	15 50 59.43	8.5

Lalande 29044.

June 20	15 51 0.21	8.0

δ Scorpii.

June 1	15 52 3.57	
2	3.69	
July 26	3.57	
27	3.60	

Gr. C. 1315.

June 9	15 54 59.13	7.0
25	59.16	
July 16	59.19	

β Scorpii.

Mar. 13	15 57 17.94	
May 6	18.02	
22	18.00	
June 1	18.03	
9	18.01	
11	17.98	
13	18.02	
15	18.01	
19	18.01	
20	18.05	
22	18.02	
25	18.05	
26	18.09	
29	18.02	
July 13	18.12	
16	18.05	
20	18.03	
25	18.04	
26	18.03	
27	18.04	

B. A. C. 5345.

June 20	15 59 27.82	7.0

11 Scorpii.

June 22	15 59 50.08	6.0

κ Herculis.

Mar. 13	16 1 45.41	
July 25	45.34	

B. A. C. 5368.

July 25	16 1 45.74	

Weisse XVI, 11.

1860.	h. m. s.	Mag.
June 15	16 2 16.66	

η Herculis.

Mar. 13	16 2 27.96	

Weisse XVI, 19.

June 19	16 2 30.97	6.0

ν^1 Scorpii.

June 13	16 3 50.61	7.0

ν^2 Scorpii.

May 6	16 3 51.69	
22	51.61	
June 13	51.67	

Groombridge 2319.

July 16	16 5 20.24	

B. A. C. 5395.

June 22	16 5 26.82	
25	26.81	

Weisse XVI, 83.

June 11	16 5 49.35	7.5
July 13	49.23	

B. A. C. 5408.

July 25	16 6 34.77	

δ Ophiuchi.

Mar. 13	16 7 0.60	
May 6	0.63	
22	0.65	
June 1	0.66	
2	0.62	
9	0.61	
15	0.62	
19	0.68	
20	0.61	
26	0.65	
29	0.64	
30	0.65	
July 10	0.65	
20	0.65	
26	0.64	
27	0.62	

σ Coronæ Borealis.

June 13	16 9 26.14	
19	26.04	

Weisse XVI, 173.

June 22	16 10 0.78	7.0
25	0.76	8.0

(*), −13° 7′.

July 25	16 10 10.18	8.0

O. Arg. S. 15490.

1860.	h. m. s.	Mag.
June 11	16 10 23.07	9.0
July 13	23.14	9.0

O. Arg. S. 15541.

June 15	16 12 26.08	8.0
July 16	26.07	8.0

σ Scorpii.

May 6	16 12 40.96	
26	41.06	
27	40.95	
30	40.95	
July 27	41.04	

B. A. C. 5452.

June 19	16 13 59.78	

B. A. C. 5460.

June 22	16 15 7.30	

(*), +71° 10′.

June 25	16 15 42.02	8.0

O. Arg. N. 16121.

June 11	16 15 50.38	8.5
July 25	50.88	

ψ Ophiuchi.

June 20	16 15 54.82	

ξ Coronæ Borealis.

June 13	16 16 38.60	

ν^2 Coronæ Borealis.

Mar. 13	16 17 12.71	

υ Ophiuchi.

July 25	16 20 13.94	

α Scorpii.

Mar. 14	16 20 49.66	
May 6	49.68	
June 2	49.64	
15	49.61	
19	49.68	
22	49.70	
25	49.64	
26	49.73	
29	49.60	
30	49.66	
July 13	49.67	
14	49.66	
16	49.68	
20	49.65	
26	49.69	
27	49.75	
Aug. 23	49.69	

η Draconis.

June 20	16 22 6.08	

g Herculis.

1860.	h. m. s.	Mag.
Mar. 13	16 24 2.75	
June 9	2.60	

B. A. C. 5529.

July 25	16 25 12.22	8.0

Lalande 30099.

June 15	16 26 1.28	8.0
22	1.23	8.0

h Herculis.

Mar. 14	16 26 3.30	
June 13	3.37	
July 25	3.13	

Groombridge 2356.

June 25	16 26 52.81	7.0

τ Scorpii.

May 6	16 27 10.28	
June 2	10.22	
30	10.30	
July 14	10.38	
24	10.37	
26	10.31	
27	10.32	

32 Herculis.

June 19	16 28 1.61	

B. A. C. 5549.

Mar. 13	16 29 15.48	

ζ Ophiuchi.

June 11	16 29 27.14	

Lalande 30207.

June 9	16 29 56.20	8.0
22	56.32	8.0

24 Scorpii.

June 11	16 33 28.70	
26	28.81	
July 14	28.70	
20	28.69	
21	28.78	
24	28.71	
26	28.75	

B. A. C. 5580.

June 15	16 33 40.05	6.5
July 25	40.01	6.5

42 Herculis.

Mar. 13	16 34 57.02	

B. A. C. 5598.

June 22	16 35 24.87	7.0
25	24.87	7.0

Hosted by Google

ζ Herculis.

1860.	h. m. s.	Mag.
Mar. 14	16 36 0.57	
June 13	0.54	
20	0.40	
July 10	0.40	
Aug. 23	0.32	

B. A. C. 5605.

May 6	16 36 24.39	6.5
June 19	24.34	

15 Ophiuchi.

June 22	16 36 43.56	6.5
25	43.46	

B. A. C. 5615.

June 9	16 38 4.70	

25 Scorpii.

July 14	16 38 17.32	
21	17.23	
24	17.28	

Lalande 30479.

June 15	16 38 42.37	8.0

B. A. C. 5625.

June 30	16 39 50.40	

Lalande 30556.

July 25	16 41 31.52	7.5
27	31.63	7.5

Weisse XVI, 792, (1st *.)

July 16	16 41 41.24	9.0
20	41.16	

Weisse XVI, 792, (2d *.)

July 16	16 41 44.93	8.5
20	44.83	

20 Ophiuchi.

Mar. 14	16 42 5.45	
June 26	5.52	
July 10	5.46	

Lalande 30600.

June 15	16 42 41.76	9.0
22	41.76	9.0

Lalande 30641.

June 9	16 44 8.88	8.5
25	8.84	8.5

Lalande 30671.

June 11	16 45 4.46	8.0

B. A. C. 5663.

1860.	h. m. s.	Mag.
July 13	16 45 9.37	

51 Herculis.

June 30	16 45 57.06

22 Ophiuchi.

July 16	16 46 23.33	6.5
20	23.22	
25	23.34	

Weisse XVI, 912.

June 15	16 48 12.82	9.0
22	12.91	

54 Herculis.

Mar. 13	16 49 13.01
14	12.99

Lalande 30788.

June 25	16 49 20.49	8.5

O. Arg. S. 16158.

July 25	16 49 49.05
27	49.08

B. A. C. 5706.

June 19	16 50 17.86
July 16	18.01

O. Arg. S. 16168.

June 9	16 50 41.97	8.5
11	41.97	8.5

κ Ophiuchi.

Mar. 13	16 51 2.46
14	2.54
May 6	2.53
26	2.53
July 10	2.55
14	2.43
18	2.53
21	2.50
24	2.40
26	2.56
Aug. 23	2.41

O. Arg. S. 16206.

July 20	16 52 36.39	8.0
27	36.45	7.5

B. A. C. 5730.

June 11	16 54 58.73
15	58.74

B. A. C. 5742.

June 11	16 55 55.99
15	55.96

(*), + 73° 7′.

1860.	h. m. s.	Mag.
July 13	16 56 25.17	8.0
16	24.81	8.5

Groombridge 2411.

June 19	16 59 4.82	
July 20	4.34	7.0

B. A. C. 5768.

July 26	16 59 51.19

B. A. C. 5771.

June 15	17 0 7.19

ε Ursæ Minoris.

May 6	17 0 26.71
June 22	26.86
25	27.29
26	26.93
30	27.19
July 10	26.72
18	26.84

η Ophiuchi.

July 14	17 2 21.10
21	20.90
24	21.01
Aug. 23	21.05

B. A. C. 5788.

Mar. 13	17 3 4.31
14	4.27

A¹ Ophiuchi.

July 27	17 6 44.44

Groombridge 2418.

July 13	17 7 21.23	8.0
16	20.93	8.0

α Herculis.

Mar. 14	17 8 15.85
May 6	15.81
June 9	15.86
11	15.81
15	15.86
19	15.76
22	15.82
25	15.77
30	15.80
July 13	15.82
14	15.85
18	15.82
21	15.87
24	15.83
26	15.79
Aug. 23	15.83

B. A. C. 5829.

July 16	17 9 28.50

π Herculis.

June 19	17 10 10.17

Weisse XVII, 202.

1860.	h. m. s.	Mag.
June 9	17 12 30.08	7.0

B. A. C. 5846.

July 13	17 13 6.44	7.0

θ Ophiuchi.

Mar. 13	17 13 24.76
14	24.74
May 6	24.81
June 11	24.79
15	24.81
30	24.74
July 10	24.82
14	24.79
16	24.75
18	24.80
20	24.80
21	24.78
24	24.81
26	24.85
27	24.78
Aug. 7	24.75

70 Herculis.

Aug. 23	17 15 8.21

Weisse XVII, 254.

June 19	17 15 11.97	8.5

b Ophiuchi.

Mar. 13	17 17 49.27
14	49.25
July 10	49.31

73 Herculis.

Aug. 23	17 18 15.14

d Ophiuchi.

May 6	17 18 24.96
June 30	24.96

B. A. C. 5884.

July 13	17 18 42.05
14	42.04

σ Ophiuchi.

June 9	17 19 34.16
19	34.14
July 24	34.09

B. A. C. 5892.

July 27	17 19 38.34	7.0

c^2 Ophiuchi.

Mar. 13	17 22 52.45
June 30	52.53
July 10	52.55
13	52.43
21	52.45
Aug. 23	52.52

Hosted by Google

Weisse XVII, 409.

1860.	h. m. s.	Mag.
June 9	17 23 3.25	9.0
11	3.15	7.0

λ Herculis.

July 14	17 25 4.84
24	4.76

Madras 1165.

June 9	17 26 59.51	8.0
11	59.55	8.0

β Draconis.

June 15	17 27 16.33

α Ophiuchi.

Mar. 13	17 28 26.16
14	26.16
June 19	26.18
30	26.20
July 10	26.14
13	26.10
16	26.15
18	26.15
20	26.14
21	26.09
24	26.12
25	26.06
27	26.07
Aug. 7	26.16
23	26.10

B. A. C. 5966.

July 25	17 31 54.26
Aug. 7	54.29
16	54.41

o Serpentis.

Mar. 13	17 33 32.81
14	32.78
July 10	32.87

B. A. C. 5981.

July 14	17 34 28.84	
18	28.87	7.0
25	28.97	
Aug. 16	28.99	

β Ophiuchi.

July 24	17 36 33.29
Aug. 12	33.47

3 Sagittarii.

July 14	17 38 44.93
16	44.90
18	44.90
Aug. 7	44.94

μ Herculis.

1860.	h. m. s.	Mag.
Mar. 14	17 40 58.78	
June 11	58.67	
July 10	58.74	
24	58.71	
Aug. 12	58.77	
16	58.79	
23	58.75	

Weisse XVII, 810.

June 9	17 41 17.12	9.0
July 27	17.03	9.0

Weisse XVII, 834.

Aug. 9	17 42 33.71	8.0

Weisse XVII, 835.

Aug. 7	17 42 38.33	9.0

Lalande 32559.

July 18	17 43 14.46	8.5

Weisse XVII, 846.

Aug. 15	17 43 14.81	8.5

Weisse XVII, 857.

Aug. 15	17 43 38.34

B. A. C. 6044.

July 13	17 44 47.37	7.0
14	47.40	
Aug. 14	47.39	
16	47.39	
23	47.46	

B. A. C. 6063.

June 11	17 47 51.42	7.0
July 18	51.40	7.0
27	51.49	7.0

B. A. C. 6065.

June 9	17 48 15.86

Madras 1209.

June 9	17 48 45.27	8.0

B. A. C. 6074.

July 13	17 50 5.76
14	5.79
24	5.82
Aug. 23	5.86
25	5.71

(*), — 15° 38′.

July 18	17 50 35.08	9.5

(*), −31° 13′.

Aug. 16	17 50 41.98

4 Sagittarii.

1860.	h. m. s.	Mag.
Mar. 13	17 51 14.66	
July 10	14.63	

γ Draconis.

Mar. 14	17 53 21.36
June 11	21.05
July 16	21.23
20	21.30
25	21.33
Aug. 7	21.23
9	21.30
12	21.43

(*), — 15° 38′.

Aug. 15	17 53 47.90	9.5

O. Arg. S. 17533.

July 18	17 55 5.14	
27	5.14	6.0

O. Arg. S. 17576.

July 18	17 56 31.63	8.0
27	31.68	7.0
Aug. 1	31.85	7.5

γ² Sagittarii.

Mar. 13	17 56 48.79
July 13	48.80
14	48.83
16	48.80
24	48.79
Aug. 25	48.63
30	48.60

(*), −30° 25′.

July 21	17 57 1.40

(*), + 27° 48′.

Aug. 15	17 57 5.36	8.5

B. A. C. 6131.

July 21	17 59 55.60
25	55.68
Aug. 7	55.58
12	55.59
30	55.56

O. Arg. S. 17680.

July 18	18 0 5.03	8.0
27	5.06	6.5

B. A. C. 6132.

July 13	18 0 14.60	7.0
16	14.56	

O. Arg. S. 17695.

July 18	18 0 27.72	7.5
Aug. 9	27.73	7.5

(*), −31° 9′.

1860.	h. m. s.	Mag.
July 25	18 1 18.02	
Aug. 7	18.06	8.0

B. A. C. 6166.

Aug. 1	18 4 30.22

μ Sagittarii.

Mar. 13	18 5 23.44
Apr. 11	23.37
July 10	23.40
13	23.28
16	23.40
18	23.35
21	23.40
24	23.36
25	23.44
27	23.44
30	23.35
Aug. 7	23.42
9	23.37
12	23.40
15	23.39
22	23.45
23	23.46
25	23.39
30	23.36
Sept. 14	23.37
21	23.36

A Herculis.

July 20	18 6 38.02
Aug. 12	38.03

B. A. C. 6187.

July 14	18 8 8.93

O. Arg. S. 18044.

Aug. 9	18 11 24.26	8.5

δ Sagittarii.

Mar. 13	18 12 1.76
14	1.72
21	1.73
22	1.79

B. A. C. 6210.

Aug. 1	18 12 5.10

B. A. C. 6217.

July 14	18 12 54.24
Aug. 14	54.14

B. A. C. 6222.

June 9	18 13 33.50

κ Lyræ.

Aug. 7	18 14 57.21
22	57.18

B. A. C. 6241.

July 25	18 16 18.33

Hosted by Google

B. A. C. 6258.

1860.	h. m. s.	Mag.
Aug. 9	18 18 11.67	

λ Sagittarii.

Mar. 13	18 19 19.66	
Sept. 21	19.68	
22	19.69	

B. A. C. 6264.

Aug. 12	18 19 22.88	

O. Arg. S. 18234.

Aug. 12	18 19 24.59	8.5

B. A. C. 6271.

Aug. 15	18 20 17.24	
22	17.21	7.0

B. A. C. 6273.

July 14	18 20 43.74	
Aug. 14	43.76	

B. A. C. 6294.

June 9	18 23 14.00	5.5
Aug. 1	14.15	

Lalande 34222.

Aug. 29	18 24 4.37	9.0

B. A. C. 6319.

Aug. 7	18 26 46.16	
14	46.20	

B. A. C. 6322.

Aug. 22	18 26 56.53	

Lalande 34401.

June 9	18 28 19.19	7.5

(*), − 21° 49′.

July 18	18 28 37.64	

O. Arg. S. 18462.

Aug. 29	18 29 6.93	9.0

B. A. C. 6336.

Aug. 1	18 29 31.45	

(*), −18° 55′.

June 9	18 30 28.92	8.5

α Lyræ.

1860.	h. m. s.	Mag.
Apr. 11	18 32 11.83	
July 14	11.83	
24	11.69	
Aug. 14	11.71	
16	11.85	
23	11.84	
30	11.72	

O. Arg. S. 18531.

July 18	18 32 19.19	9.0
Aug. 15	19.27	8.5

B. A. C. 6358.

July 13	18 33 43.92	
Aug. 9	43.88	

B. A. C. 6365.

July 16	18 35 27.26	

(*), −18° 55′.

June 9	18 35 51.74	

B. A. C. 6369.

July 14	18 36 13.04	
Aug. 14	13.06	

(*), −21° 30′.

July 18	18 36 33.09	9.5
Aug. 29	33.26	9.5

φ Sagittarii.

Apr. 11	18 36 54.38	
July 24	54.32	
30	54.35	
Aug. 12	54.42	5.0
25	54.36	

O. Arg. S. 18636.

July 27	18 37 41.58	

B. A. C. 6382.

Aug. 7	18 38 47.52	
9	47.46	

B. A. C. 6396.

Aug. 14	18 40 52.05	
16	52.04	

29 Sagittarii.

July 30	18 41 21.50	

B. A. C. 6403.

July 13	18 41 57.23	

Lacaille 7874.

Aug. 12	18 41 57.94	7.5

B. A. C. 6422.

1860.	h. m. s.	Mag.
Aug. 16	18 44 20.75	

Madras 1304.

July 18	18 44 43.07	8.5

β Lyræ.

June 9	18 44 54.57	
11	54.61	
July 14	54.60	
27	54.48	
Aug. 1	54.62	
7	54.61	
9	54.49	
15	54.58	
22	54.53	
29	54.59	
30	54.58	
Sept. 13	54.51	

σ Sagittarii.

Apr. 11	18 46 34.84	
June 5	34.80	
July 30	34.86	
Aug. 25	34.80	
Sept. 21	34.79	

ξ^1 Sagittarii.

July 13	18 49 1.14	
Aug. 15	1.22	

B. A. C. 6455.

Aug. 7	18 49 7.07	
Sept. 13	7.14	

ε Coronæ Australis.

July 14	18 49 16.43	
Aug. 30	16.45	

B. A. C. 6457.

Aug. 14	18 49 16.50	
16	16.42	

ξ^2 Sagittarii.

Aug. 1	18 49 22.47	
12	22.51	4.0

O. Arg. S. 18907.

July 18	18 50 49.19	9.0
Aug. 29	49.35	9.0

O. Arg. S. 18916.

June 9	18 51 12.47	
Aug. 29	12.56	8.0

B. A. C. 6479.

Aug. 22	18 51 49.16	

(*), −22° 2′.

Aug. 9	18 52 44.76	9.5

ε Aquilæ.

1860.	h. m. s.	Mag.
Apr. 11	18 53 16.06	

ζ Sagittarii.

June 5	18 53 41.92	
Sept. 21	42.02	

B. A. C. 6490.

Sept. 15	18 53 53.37	
25	53.24	

Lalande 35468.

Aug. 1	18 54 0.31	7.5

O. Arg. S. 18978.

Aug. 12	18 54 22.72	9.5

O. Arg. S. 18979.

July 18	18 54 24.03	8.5
Aug. 12	24.04	8.5
15	23.96	

O. Arg. S. 18986.

Aug. 1	18 54 46.71	8.5
Sept. 14	46.55	8.5

Lalande 35497.

June 11	18 54 49.98	6.0
July 13	49.83	6.5

B. A. C. 6499.

Aug. 7	18 55 25.38	
22	25.38	
30	25.30	
Sept. 13	25.29	

Weisse (2) XVIII, 1790.

Aug. 9	18 57 41.94	7.0
29	41.82	7.0

Weisse (2) XVIII, 1806.

Sept. 14	18 58 11.16	8.5

τ Sagittarii.

Sept. 22	18 58 11.74	
25	11.63	

(*), −21° 37′.

June 9	18 58 39.84	8.5
11	39.82	

Hosted by Google

ζ Aquilæ.

1860.	h. m. s.	Mag.
Apr. 11	18 58 58.42	
June 5	58.40	
July 14	58.40	
24	58.41	
30	58.46	
Aug. 14	58.55	
16	58.49	
25	58.43	
Sept. 13	58.47	
15	58.50	
21	58.45	

Weisse (2) XVIII, 1834.

Aug. 1	18 58 58.72	
12	58.68	8.0
15	58.58	

B. A. C. 6536.

July 13	19 0 2.94	
18	2.95	

B. A. C. 6538.

Aug. 7	19 0 11.90	

B. A. C. 6546.

Sept. 25	19 1 1.15	

(*), −10° 2′.

Aug. 9	19 1 23.91	8.0

π Sagittarii.

Aug. 22	19 1 26.10	
Sept. 22	26.07	

B. A. C. 6550.

June 9	19 1 32.55	7.0

B. A. C. 6554.

Aug. 12	19 2 26.35	
29	26.44	
Sept. 13	26.32	
14	26.43	
15	26.39	

B. A. C. 6568.

July 13	19 5 42.99	
14	43.11	
Aug. 16	43.00	
30	43.06	
Sept. 25	42.86	

B. A. C. 6577.

Sept. 14	19 7 17.75	7.0

Madras 1351.

June 9	19 8 55.73	7.5
July 18	55.64	8.0

(*), −41° 16′.

1860.	h. m. s.	Mag.
Aug. 7	19 9 38.13	7.5

ω Aquilæ.

June 5	19 11 14.61	
July 14	14.56	
30	14.63	
Aug. 1	14.53	
14	14.72	
16	14.59	
29	14.66	
30	14.61	
Sept. 13	14.69	
14	14.62	
15	14.62	
21	14.62	
25	14.65	

B. A. C. 6609.

July 13	19 12 46.82	
27	46.77	6.5
Sept. 14	46.79	

(*), +46° 47′.

Aug. 22	19 12 50.35	

B. A. C. 6611.

Sept. 22	19 13 6.71	

B. A. C. 6613.

Sept. 14	19 13 11.79	

B. A. C. 6616.

June 9	19 13 24.74	7.0
Aug. 12	24.73	7.0

Gr. C. 1719.

Aug. 1	19 14 22.96	7.0
15	23.00	6.5

B. A. C. 6627.

Aug. 15	19 15 38.09	

χ^1 Sagittarii.

July 27	19 16 45.12	
Sept. 15	45.14	

χ^2 Sagittarii.

Sept. 14	19 16 51.79	7.0

2 Sagittarii.

Sept. 21	19 18 4.73	

δ Aquilæ.

1860.	h. m. s.	Mag.
June 9	19 18 26.29	
July 13	26.26	
14	26.31	
18	26.28	
30	26.30	
Aug. 1	26.24	
7	26.26	
9	26.26	
12	26.30	
15	26.34	
16	26.25	
22	26.26	
30	26.32	
Sept. 15	26.30	
22	26.20	
25	26.23	

4 Cygni.

Aug. 29	19 20 6.48	

B. A. C. 6665.

Sept. 14	19 20 45.53	

O. Arg. S. 19612.

July 27	19 21 9.20	8.5
Aug. 12	9.14	8.5

B. A. C. 6666.

Aug. 22	19 21 12.26	
Sept. 21	12.33	5.0

O. Arg. S. 19618.

Aug. 12	19 21 20.65	8.5

B. A. C. 6672.

Aug. 30	19 22 42.12	
Sept. 25	41.96	

α Vulpeculæ.

June 5	19 22 52.65	
Aug. 27	52.73	

(*), −20° 42′.

June 9	19 23 14.64	9.0

B. A. C. 6677.

July 13	19 23 19.04	

Lalande 36857.

Aug. 1	19 23 30.53	
Sept. 12	30.55	7.5

O. Arg. S. 19662.

Aug. 9	19 23 30.97	8.5

B. A. C. 6682.

July 18	19 23 56.41	
27	56.48	7.0
Aug. 7	56.40	
14	56.45	

B. A. C. 6685.

1860.	h. m. s.	Mag.
July 14	19 24 17.72	
Sept. 13	17.69	
15	17.68	
22	17.69	

O. Arg. S. 19685.

Aug. 15	19 24 23.11	9.0

O. Arg. S. 19694.

Aug. 15	19 25 17.26	9.0

h^2 Sagittarii.

June 5	19 28 10.99	
July 13	10.97	
14	10.94	
18	10.90	
Aug. 1	10.99	
29	11.01	
30	11.00	
Sept. 12	11.00	
13	11.02	
14	10.99	
15	10.93	
21	10.99	
22	10.95	
25	10.96	

O. Arg. S. 19758.

July 27	19 28 16.91	8.0

B. A. C. 6718.

Aug. 22	19 30 7.28	

O. Arg. S. 19830.

Aug. 12	19 31 19.25	8.5
15	19.32	8.5

O. Arg. S. 19839.

Sept. 14	19 31 52.11	9.0

Madras 1417.

July 18	19 31 54.86	7.5
Sept. 12	54.90	7.5

O. Arg. S. 19845.

July 13	19 32 8.14	7.5
Aug. 1	8.05	

O. Arg. S. 19874.

Aug. 29	19 33 47.86	8.5

B. A. C. 6738.

July 14	19 33 52.54	
Aug. 30	52.63	
Sept. 15	52.51	
22	52.59	

e^2 Sagittarii.

Aug. 27	19 34 30.52	

Hosted by Google

O. Arg. S. 19901.

1860.	h. m. s.	Mag.
July 27	19 35 42.20	7.0
Aug. 9	42.13	7.0
15	42.19	

O. Arg. S. 19908.

Sept. 14	19 36 15.74	8.5

B. A. C. 6753.

Sept. 25	19 36 31.98

O. Arg. S. 19916.

July 13	19 36 36.19	8.0
Aug. 12	36.10	

O. Arg. S. 19924.

Sept. 14	19 37 11.74

(*), −28° 51′.

Aug. 29	19 38 5.69	7.0

f Sagittarii.

June 5	19 38 11.50

Lalande 37507.

Sept. 12	19 38 12.40	8.0

(*), −28° 41′.

July 18	19 39 5.79
Aug. 14	5.93
16	5.79

B. A. C. 6770.

Aug. 7	19 39 23.23	7.5
9	23.23	

γ Aquilæ.

Aug. 22	19 39 36.15
27	36.17
30	36.15
Sept. 21	36.11
24	36.11
25	36.17

O. Arg. S. 19960.

Aug. 12	19 39 44.36

(*), −28° 47′.

Aug. 29	19 40 23.24	8.0
Sept. 12	23.24	8.5

O. Arg. S. 19985.

July 13	19 41 22.36

B. A. C. 6786.

July 18	19 41 46.59
Aug. 15	46.63
Sept. 15	46.63
22	46.70

B. A. C. 6792.

1860.	h. m. s.	Mag.
July 27	19 42 32.07	
Aug. 12	32.07	7.5

B. A. C. 6795.

Aug. 16	19 43 3.78

α Aquilæ.

June 5	19 43 57.01
July 14	57.09
30	57.04
Aug. 22	57.08
27	57.03
30	57.03
Sept. 12	57.05
13	56.98
14	57.08
24	57.07
25	57.05
Oct. 9	57.07

O. Arg. S. 20046.

Aug. 12	19 45 23.20	9.0

O. Arg. S. 20051.

July 13	19 45 50.70	8.5

B. A. C. 6816.

Sept. 22	19 46 6.20

ω Sagittarii.

July 14	19 47 15.44

b Sagittarii.

July 18	19 48 20.94
27	21.03

β Aquilæ.

June 5	19 48 26 10
July 30	26.07
Aug. 7	26.08
9	26.16
14	25.99
15	26.07
22	26.15
27	26.02
29	26.08
30	26.08
Sept. 12	26.07
14	26.02
15	26.09
21	26.04
24	26.11
25	26.08

A Sagittarii.

July 13	19 50 25.03
Aug. 12	24.98
16	24.95
Sept. 22	25.04
Oct. 9	25.16

B. A. C. 6854.

Sept. 15	19 51 55.82

O. Arg. S. 20156.

1860.	h. m. s.	Mag.
Aug. 9	19 53 28.29	
15	28.36	8.0
Sept. 14	28.37	8.0

Lalande 38140.

Sept. 12	19 53 30.93	7.5
21	30.93	7.5

c Sagittarii.

July 27	19 54 2.60	
Aug. 7	2.53	4.0
Sept. 24	2.57	

B. A. C. 6872.

Aug. 30	19 54 14.76
Sept. 13	14.75
Oct. 9	14.69

B. A. C. 6877.

Aug. 16	16 55 26.29

O. Arg. S. 20185.

Aug. 12	19 55 31.11	
29	31.25	9.0
Sept. 14	31.20	9.0

B. A. C. 6886.

Sept. 22	19 56 35.82

B. A. C. 6888.

July 18	19 56 39.11	7.0
Aug. 15	39.08	7.0

O. Arg. S. 20217.

Aug. 22	19 57 23.71	7.5
Sept. 12	23.61	7.5

O. Arg. S. 20234.

July 27	19 58 21.07	7.0
Aug. 7	21.06	7.0

B. A. C. 6899.

Aug. 30	19 58 40.82
Sept. 13	40.96

B. A. C. 6906.

Aug. 1	20 0 34.93	
15	34.88	7.0

B. A. C. 6920.

Sept. 14	20 1 40.01
21	40.06

B. A. C. 6922.

July 14	20 1 59.49	
Aug. 9	59.51	5.5
30	59.50	
Sept. 13	59.42	
22	59.44	

O. Arg. S. 20286.

1860.	h. m. s.	Mag.
July 27	20 3 0.88	8.5

O. Arg. S. 20316.

Aug. 1	20 5 5.29	8.5
7	5.15	

B. A. C. 6948.

July 14	20 7 8.27
Aug. 29	8.26
30	8.31
Sept. 22	8.38

*a*¹ Capricorni.

July 5	20 9 53.11
Aug. 16	53.03
Sept. 14	53.09
21	53.03

*a*² Capricorni.

July 6	20 10 16.97
13	17.05
18	16.97
27	17.03
Aug. 1	17.02
7	16.96
9	16.97
12	16.97
15	16.97
27	17.01
29	16.97
31	17.08
Sept. 13	17.01
14	17.02
21	16.92
22	17.05
24	16.98
Oct. 9	17.06

σ Capricorni.

Aug. 22	20 11 18.70

B. A. C. 6982.

Sept. 12	20 11 22.13

β Capricorni.

Aug. 31	20 13 8.57
Sept. 24	8.52

O. Arg. S. 20458.

Aug. 9	20 15 33.34	8.5
12	33.38	8.5

O. Arg. S. 20465.

Aug. 1	20 16 2.17	7.5

B. A. C. 7012.

July 13	20 16 11.62	
Aug. 30	11.56	
Sept. 13	11.66	
14	11.48	7.0
22	11.68	

Hosted by Google

O. Arg. S. 20470.

1860.	h. m. s.	Mag.
Aug. 9	20 16 22.63	8.5
12	22.70	8.5

B. A. C. 7018.

Sept. 15	20 16 52.04
25	52.06
Oct. 9	52.11

B. A. C. 7021.

July 14	20 17 21.15

O. Arg. S. 20502.

Sept. 21	20 18 45.19	8.5

B. A. C. 7030.

Sept. 12	20 18 53.89

π Capricorni.

July 5	20 19 18.23

B. A. C. 7032.

Aug. 30	20 19 22.64
Sept. 13	22.68

B. A. C. 7033.

Sept. 25	20 19 29.64

B. A. C. 7034.

Sept. 14	20 19 37.24	6.0

O. Arg. S. 20522.

Aug. 22	20 19 53.33	8.5
29	53.36	8.5

B. A. C. 7040.

Aug. 15	20 20 25.96

ρ Capricorni.

July 6	20 20 52.22
Aug. 12	52.16
27	52.18
Sept. 15	52.22
22	52.27
24	52.21

B. A. C. 7053.

Aug. 9	20 21 50.57	7.5

o Capricorni.

Aug. 9	20 21 51.96	7.0
22	52.05	

B. A. C. 7057.

Oct. 9	20 22 21.91

B. A. C. 7063.

1860.	h. m. s	Mag.
Sept. 21	20 23 13.46	

B. A. C. 7071.

Sept. 13	20 24 9.51	
14	9.50	7.0

B. A. C. 7077.

Sept. 15	20 24 31.88
22	31.89

ε Delphini.

Aug. 12	20 26 31.38
27	31.34
31	31.41
Sept. 24	31.43
28	31.35

Weisse XX, 664.

Sept. 12	20 26 56.00	9.5

B. A. C. 7113.

Aug. 30	20 29 47.31
Sept. 13	47.37
15	47.41
Oct. 9	47.53

O. Arg. S. 20675.

Aug. 29	20 30 12.43	8.5

B. A. C. 7123.

Aug. 9	20 31 8.78	
Sept. 28	8.88	6.5

τ² Capricorni.

Aug. 1	20 31 26.36

B. A. C. 7133.

Aug. 30	20 32 4.32
Sept. 15	4.38
22	4.40

ν Capricorni.

Aug. 12	20 32 4.41
22	4.56
27	4.56
Sept. 24	4.50

B. A. C. 7135.

Sept. 21	20 32 8.54

B. A. C. 7139.

Sept. 25	20 32 22.12

B. A. C. 7148.

Sept. 14	20 33 5.06	6.5

Weisse XX, 860.

1860.	h. m. s.	Mag.
Aug. 31	20 34 2.01	9.5
Sept. 12	2.08	9.0

B. A. C. 7159.

July 6	20 34 41.51	7.0

α Cygni.

Sept. 28	20 36 39.52
Oct. 9	39.60

(*), — 21° 24′.

Aug. 9	20 36 43.72	7.5

O. Arg. S. 20812.

Aug. 9	20 37 38.08	9.0

ψ Capricorni.

Aug. 27	20 37 48.01

ε Aquarii.

Sept. 21	20 40 5.52

Weisse XX, 1031.

Aug. 12	20 40 49.75	8.0

B. A. C. 7205.

Aug. 31	20 40 58.38	7.0
Sept. 13	58.45	
14	58.42	
22	58.52	

Weisse XX, 1036.

Aug. 12	20 40 58.99	8.5

B. A. C. 7209.

Aug. 1	20 41 23.74
22	23.85

B. A. C. 7210.

July 6	20 41 41.33	7.0
Aug. 29	41.33	

B. A. C. 7219.

June 8	20 42 32.97

B. A. C. 7224.

Oct. 9	20 43 10.45

O. Arg. S. 20903.

Sept. 12	20 43 13.80	7.5

β Microscopii.

Sept. 28	20 43 16.36

4 Aquarii.

1860.	h. m. s.	Mag.
Aug. 9	20 44 0.24	
22	0.24	

O. Arg. S. 20921.

Sept. 15	20 44 54.73	8.5

B. A. C. 7244.

Aug. 29	20 45 47.61
Sept. 14	47.38

19 Capricorni.

July 6	20 46 52.81

32 Vulpeculæ.

Aug. 9	20 48 35.58
12	35.60
22	35.52
27	35.54
31	35.54
Sept. 12	33.51
13	35.53
15	35.54
21	35.61
22	35.56
24	35.60
25	35.60
28	35.59
Oct. 9	35.59
12	35.61
23	35.56

B. A. C. 7268.

Aug. 29	20 51 6.41

21 Capricorni.

July 6	20 52 58.60	6.0

B. A. C. 7290.

Sept. 12	20 53 18.81

B. A. C. 7286.

Aug. 12	20 53 27.41
30	27.58
Sept. 22	27.59

ζ Microscopii.

Sept. 15	20 54 0.45
Oct. 12	0.49

f¹ Cygni.

Oct. 23	20 55 3.84

2 Piscis Australis.

Sept. 13	20 57 50.43
22	50.42
28	50.40

Hosted by Google

θ Capricorni.

1860.	h. m. s.	Mag.
June 8	20 58 4.42	
July 5	4.31	
Aug. 29	4.40	
Sept. 25	4.40	

O. Arg. S. 21105.

Aug. 12	20 58 43.70	6.5
30	43.66	
31	43.80	
Sept. 14	43.71	7.0
15	43.77	
Oct. 9	43.68	

B. A. C. 7327.

Aug. 12	20 58 55.60	6.0
31	55.65	6.5
Sept. 14	55.45	7.0

61¹ Cygni.

July 6	21 0 37.24
Oct. 12	37.32
Nov. 7	37.37

61² Cygni.

Nov. 7	21 0 38.78

ν Aquarii.

July 5	21 1 57.81
Aug. 1	57.83
29	57.88
Sept. 25	58.01
Oct. 23	57.84

B. A. C. 7366.

Aug. 12	21 6 32.77
30	32.83
Sept. 15	32.92
Oct. 9	32.86

ζ Cygni.

Aug. 1	21 6 58.67
Sept. 14	58.68
28	58.69
Oct. 10	58.60
12	58.69
23	58.66
Nov. 7	58.65

B. A. C. 7383.

Aug. 22	21 8 56.74
Sept. 12	56.73

4 Piscis Australis.

Aug. 12	21 9 26.08
30	26.16
Sept. 15	26.32
22	26.31

Weisse (2) XXI, 226.

Aug. 22	21 9 55.45	7.0
Sept. 12	55.46	7.0

(*), −32° 46′.

1860.	h. m. s.	Mag.
Sept. 13	21 10 33.79	

A Cygni.

Sept. 12	21 13 14.02

ι Capricorni.

July 5	21 14 26.70
Aug. 1	26.64
29	26.83

α Cephei.

Aug. 31	21 15 14.14
Sept. 14	14.19
15	14.09
22	14.01
25	14.21
28	14.19
Oct. 10	13.91
12	13.93
23	14.01
Nov. 7	14.06

B. A. C. 7417.

Aug. 22	21 15 22.99

Weisse XXI, 346.

Aug. 12	21 15 37.16	8.5

B. A. C. 7419.

Aug. 30	21 15 47.56
Sept. 13	47.56

B. A. C. 7422.

Oct. 9	21 16 6.14

B. A. C. 7431.

Sept. 12	21 17 8.71

ζ Capricorni.

July 5	21 18 40.06
Aug. 12	39.97

(*), −23° 51′.

Oct. 10	21 21 52.69	8.0

(*), −23° 49′.

Oct. 10	21 22 4.16	8.5

B. A. C. 7466.

Oct. 9	21 22 19.88

B. A. C. 7467.

Aug. 30	21 22 20.30
Sept. 15	20.38

(*), −16° 28′.

1860.	h. m. s.	Mag.
Sept. 14	21 23 14.55	

(*), +69° 56′.

Sept. 29	21 23 31.31	9.0

β Aquarii.

July 6	21 24 11.09
Aug. 1	11.09
12	11.12
22	11.14
Sept. 15	11.17
Oct. 23	11.18
Nov. 7	11.13

B. A. C. 7485.

Aug. 31	21 25 55.92

β Cephei.

Aug. 29	21 26 50.63
Sept. 12	50.38
13	50.60
28	50.58
29	50.57
Oct. 12	50.44
24	50.27
25	50.29

β Cephei, S. P.

Mar. 30	21 26 50.06

7 Piscis Australis.

Aug. 30	21 28 23.65	
Sept. 14	23.66	6.0

ξ Aquarii.

Sept. 25	21 30 18.03
Oct. 23	17.72
Nov. 7	17.74

B. A. C. 7523.

Aug. 12	21 30 56.34

(*), −25° 5′.

Aug. 30	21 32 9.38
Oct. 10	33 9.12

γ Capricorni.

July 5	21 32 19.80
6	19.57
Aug. 1	19.55

Rumker 9349.

Aug. 29	21 33 48.33	7.0

B. A. C. 7549.

Oct. 12	21 35 21.36	7.0

B. A. C. 7558.

Aug. 12	21 36 36.94

77 Cygni.

1860.	h. m. s.	Mag.
Sept. 12	21 36 45.15	

ε Pegasi.

Aug. 30	21 37 18.47
31	18.49
Sept. 13	18.59
14	18.52
28	18.54
29	18.52
Oct. 23	18.56
24	18.60
25	18.53

B. A. C. 7565.

Sept. 12	21 37 29.00

δ Capricorni.

July 5	21 39 18.46
6	18.37
Aug. 1	18.37
Sept. 25	(18.80)

δ Piscis Australis.

Sept. 28	21 39 30.62
29	30.54
Oct. 9	30.44

B. A. C. 7610.

Aug. 12	21 44 32.58
Sept. 12	32.37

γ Gruis.

Sept. 29	21 45 26.37

μ Capricorni.

Aug. 29	21 45 39.61
Nov. 20	39.59

16 Pegasi.

Oct. 10	21 46 41.56
12	41.59
24	41.55
Nov. 7	41.42

B. A. C. 7630.

July 6	21 47 22.20	7.0
Sept. 28	22.28	7.0

B. A. C. 7632.

Sept. 29	21 47 56.48
Oct. 25	56.22

(*), −21° 23′.

Oct. 12	21 50 30.44	9.0
24	30.28	9.0

B. A. C. 7652.

Aug. 30	21 51 25.34
Oct. 10	25.10

Hosted by Google

11 Piscis Australis.

1860.	h. m. s.	Mag.
Nov. 20	21 51 32.81	

η Piscis Australis.

Aug. 29	21 52 47.11	
Oct. 25	46.93	

(*), −21° 25′.

Aug. 31	21 53 46.51	9.0

O. Arg. S. 21832.

Sept. 12	21 55 39.39	9.0
28	39.41	

Lalande 42984.

Aug. 31	21 56 21.69	8.0

B. A. C. 7675.

Nov. 15	21 56 38.52	

Lalande 43040.

Oct. 10	21 58 5.86	7.5

α Aquarii.

July 6	21 58 35.45	
Aug. 12	35.45	
Sept. 26	35.47	
29	35.40	
Oct. 9	35.39	
25	35.51	

ι Aquarii.

Aug. 29	21 58 52.38	
30	52.28	
Oct. 24	52.28	
Nov. 20	52.30	

B. A. C. 7697.

Sept. 28	21 59 50.34	

Weisse XXI, 1375.

Sept. 12	21 59 51.93	9.0

Lalande 43106.

Aug. 31	22 0 3.51	8.0
Nov. 7	3.57	

Weisse XXII, 13.

Oct. 24	22 2 5.79	8.5

B. A. C. 7729.

Aug. 29	22 3 30.92	
Sept. 29	30.74	
Nov. 15	30.82	

(*), −18° 48′.

Sept. 12	22 4 38.48	

B. A. C. 7739.

1860.	h. m. s.	Mag.
Aug. 29	22 4 41.37	
30	41.24	
Oct. 25	41.38	

Lalande 43288.

Aug. 31	22 4 54.15	8.5

B. A. C. 7745.

Nov. 20	22 5 52.06	

B. A. C. 7765.

Sept. 28	22 7 52.33	

B. A. C. 7768.

Sept. 29	22 8 44.93	

θ Aquarii.

July 6	22 9 26.60	
Aug. 29	26.65	
30	26.58	
31	26.57	
Sept. 12	26.59	
26	26.58	
28	26.61	
Oct. 10	26.67	
12	26.61	
24	26.64	
25	26.56	
26	26.56	
Nov. 7	26.61	
15	26.59	
20	26.60	

ρ Aquarii.

Oct. 10	22 12 49.79	
12	49.83	
24	49.73	
26	49.70	
Nov. 7	49.72	

γ Aquarii.

Aug. 29	22 14 25.51	
31	25.45	
Sept. 12	25.37	

B. A. C. 7803.

Sept. 15	22 16 3.55	

O. Arg. S. 22142.

Oct. 12	22 18 19.94	9.0

B. A. C. 7826.

Sept. 28	22 20 25.79	
29	25.88	
Oct. 25	25.93	

(*), −16° 20′.

Aug. 29	22 21 5.28	9.0
31	5.02	9.5

B. A. C. 7829.

1860.	h. m. s.	Mag.
Nov. 15	22 29 5.98	

Lacaille 9144.

Nov. 7	22 21 33.90	6.5

ζ Aquarii, (1st *.)

July 6	22 21 37.32	
Sept. 1	37.36	

56 Aquarii.

Oct. 10	22 22 46.96	

σ Aquarii.

Sept. 26	22 23 14.12	

O. Arg. S. 22197.

Oct. 12	22 23 31.40	8.0

Lacaille 9175.

Oct. 24	22 26 27.00	7.0

η Aquarii.

July 6	22 28 9.65	
Aug. 29	9.64	
Sept. 1	9.78	
26	9.59	
28	9.61	
29	9.69:	
Oct. 12	9.74	
25	9.68	
26	9.63	
Nov. 7	9.65	
12	9.66	
15	9.67	
20	9.66	

B. A. C. 7872.

Oct. 10	22 28 42.01	

(*), −32° 22′.

Oct. 10	22 28 45.60	7.0

Piazzi 169.

Sept. 12	22 29 33.43	8.0

κ Aquarii.

Aug. 30	22 30 30.31	
Oct. 24	30.24	

Weisse XXII, 641.

Sept. 28	22 31 1.22	6.5

Lacaille 9199.

Nov. 7	22 30 56.88	6.5

ε Piscis Australis.

Sept. 29	22 32 54.26	
Oct. 10	54.27	

30 Cephei.

1860.	h. m. s.	Mag.
Nov. 15	22 33 41.20	

ζ Pegasi.

Sept. 12	22 34 28.80	
26	28.78	
28	28.81	
Oct. 26	28.77	
Nov. 12	28.81	
20	28.71	

(*), −21° 38′.

Oct. 12	22 35 2.06	8.0

(*), −21° 41′.

Oct. 12	22 36 27.50	

20 Piscis Australis.

Sept. 29	22 37 51.12	
Oct. 10	51.12	
25	51.17	

(*), −21° 35′.

Oct. 12	22 38 9.41	

Weisse XXII, 815.

Sept. 12	22 38 47.88	
28	47.77	9.0

B. A. C. 7951.

Nov. 15	22 40 36.68	

(*), +6° 20′.

Nov. 12	22 41 17.93	

Rumker 10641.

Nov. 7	22 41 52.07	9.0

τ² Aquarii.

Oct. 26	22 42 10.56	

(*), −6° 20′.

Nov. 12	22 42 47.42	

Weisse XXII, 897.

Nov. 12	22 42 58.34	

B. A. C. 7957.

Sept. 29	22 43 3.18	
Oct. 10	3.28	

λ Aquarii.

Aug. 30	22 45 18.64	
31	18.50	
Sept. 26	18.46	

Hosted by Google

WEISSE XXII, 951.

1860.	h. m. s.	Mag.
Nov. 7 . .	22 45 55.56	9.0
12 . .	55.61	

WEISSE XXII, 957.

Oct. 12 . .	22 46 9.41	
Nov. 7 . .	9.41	
12 . .	9.35	

WEISSE XXII, 962.

Sept. 12 . .	22 46 21.27	9.0
28 . .	21.15	8.5

B. A. C. 7986.

Oct. 24 . .	22 47 55.25	6.7

LALANDE 44823.

Oct. 26 . .	22 47 59.35	7.0

LALANDE 44860.

Sept. 12 . .	22 49 35.87	7.5

α PISCIS AUSTRALIS.

Aug. 31 . .	22 49 54.38
Sept. 1 . .	54.35
Oct. 10 . .	54.44
25 . .	54.32
Nov. 15 . .	54.38
Dec. 11 . .	54.36

B. A. C. 7993.

Oct. 24 . .	22 50 2.25	7.0

WEISSE XXII, 1087.

Sept. 28 . .	22 52 26.17	9.0

WEISSE XXII, 1088.

Sept. 28 . .	22 52 26.75	8.5
Nov. 7 . .	26.66	8.0
12 . .	26.81	8.0

WEISSE XXII, 1149.

Oct. 10 . .	22 55 2.87	9.0

WEISSE XXII, 1156.

Oct. 10 . .	22 55 12.09	8.0

82 AQUARII.

Sept. 1 . .	22 55 16.44

RUMKER 10800.

Sept. 28 . .	22 55 17.74	9.0

o ANDROMEDÆ.

Nov. 15 . .	22 55 29.05

(*), −4° 15′.

1860.	h. m. s.	Mag.
Sept. 28 . .	22 57 24.96	9.0
Oct. 26 . .	24.98	
Nov. 7 . .	24.93	9.0
12 . .	25.11	9.0

α PEGASI.

Aug. 5 . .	22 57 47.32
Sept. 12 . .	47.29
Oct. 12 . .	47.24

WEISSE XXII, 1272.

Oct. 10 . .	23 0 40.37	9.0

B. A. C. 8053.

Sept. 1 . .	23 0 46.24

WEISSE XXII, 1283.

Oct. 10 . .	23 1 24.79	9.0

A PISCIUM.

Oct. 24 . .	23 1 30.62
25 . .	30.66

WEISSE XXIII, 9.

Oct. 26 . .	23 2 6.55

WEISSE XXIII, 12.

Nov. 12 . .	23 2 18.91	9.0

WEISSE XXIII, 14.

Nov. 7 . .	23 2 25.30
12 . .	25.25

58 PEGASI.

Nov. 15 . .	23 2 58.43

WEISSE XXIII, 45.

Dec. 11 . .	23 4 2.87

WEISSE XXIII, 85.

Sept. 28 . .	23 6 11.75	9.0

WEISSE XXIII, 111.

Nov. 12 . .	23 6 53.35

B. A. C. 8084.

Aug. 5 . .	23 6 54.17

φ AQUARII.

Oct. 24 . .	23 7 4.19
25 . .	4.11

LALANDE 45473.

1860.	h. m. s.	Mag.
Oct. 10 . .	23 7 7.80	8.5
26 . .	7.69	8.5

WEISSE XXIII, 136.

Dec. 11 . .	23 8 6.75

B. A. C. 8104.

Nov. 14 . .	23 9 39.23

WEISSE XXIII, 177.

Nov. 12 . .	23 9 52.72

γ PISCIUM.

Aug. 5 . .	23 9 54.49
Sept. 28 . .	54.43
Oct. 26 . .	54.48
Nov. 7 . .	54.48
15 . .	54.44

WEISSE XXIII, 183.

Nov. 12 . .	23 10 10.97

ψ^2 AQUARII.

Oct. 10 . .	23 10 37.55
Nov. 7 . .	37.52

b PISCIUM.

Sept. 28 . .	23 13 12.63	6.0

b^1 AQUARII.

Sept. 1 . .	23 15 36.92
Nov. 15 . .	36.86
Dec. 11 . .	36.82

LALANDE 45804.

Nov. 12 . .	23 16 31.56

LALANDE 45838.

Oct. 10 . .	23 17 51.12	9.0
26 . .	51.02	8.5

WEISSE XXIII, 377.

Oct. 26 . .	23 19 20.20	8.5
Nov. 12 . .	20.29	8.5

κ PISCIUM.

Aug. 5 . .	23 19 45.29
Sept. 1 . .	45.32
28 . .	45.39
Oct. 24 . .	45.28
25 . .	45.32
Nov. 7 . .	45.31
14 . .	45.35
15 . .	45.36
Dec. 11 . .	45.33

B. A. C. 8184.

1860.	h. m. s.	Mag.
Nov. 14 . .	23 22 17.83	

SANTINI 1635.

Nov. 7 . .	23 22 24.64	8.5

WEISSE XXIII, 463.

Sept. 28 . .	23 23 36.29	9.0

SANTINI 1636.

Aug. 31 . .	23 25 5.69

b^4 AQUARII.

Nov. 15 . .	23 25 56.81

WEISSE XXIII, 534.

Oct. 10 . .	23 26 44.20	9.0

16 PISCIUM.

Oct. 25 . .	23 29 14.66
26 . .	14.58

B. A. C. 8223.

Nov. 14 . .	23 30 42.00

ι PISCIUM.

Aug. 31 . .	23 32 45.06
Sept. 1 . .	44.99
28 . .	44.99
Oct. 24 . .	45.05
25 . .	45.03
26 . .	44.90
Nov. 12 . .	44.99
14 . .	45.02
15 . .	44.94
20 . .	45.04
22 . .	44.99

γ CEPHEI.

Oct. 10 . .	23 33 37.79

WEISSE XXIII, 710.

Nov. 12 . .	23 34 48.81	6.0

λ PISCIUM.

Aug. 31 . .	23 34 54.27

i^2 AQUARII.

Dec. 11 . .	23 38 44.35

WEISSE XXIII, 817.

Oct. 10 . .	23 40 31.64	8.0
26 . .	31.56	8.5

WEISSE XXIII, 828.

Nov. 12 . .	23 40 58.42	9.0

Hosted by Google

WEISSE XXIII, 830.

1860.	h. m. s.	Mag.
Oct. 26 . .	23 41 1.54	8.5

B. A. C. 8272.

Nov. 14 . .	23 41 3.26	7.0

δ SCULPTORIS.

Sept. 1 . .	23 41 37.71
Oct. 24 . .	37.59
Nov. 13 . .	37.75

B. A. C. 8287.

Oct. 24 . .	23 43 19.46	7.0

WEISSE XXIII, 916.

Oct. 10 . .	23 45 32.30	9.0

25 PISCIUM.

Nov. 13 . .	23 45 54.67
15 . .	54.67
Dec. 11 . .	54.63

26 PISCIUM.

1860.	h. m. s.	Mag.
Sept. 28 . .	23 47 58.12	

B. A. C. 8314.

Nov. 14 . .	23 48 3.34

WEISSE XXIII, 994.

Oct. 26 . .	23 49 7.55	9.0
Nov. 12 . .	7.60	9.0

RUMKER 11777.

Nov. 12 . .	23 49 37.08	7.0
Dec. 22 . .	37.04	7.5

ψ PEGASI.

Oct. 24 . .	23 50 37.78

WEISSE XXIII, 1032.

Dec. 21 . .	23 50 37.91	9.0

WEISSE XXIII, 1039.

1860.	h. m. s.	Mag.
Oct. 10 . .	23 50 54.65	9.0
26 . .	54.56	9.0

ω PISCIUM.

Sept. 28 . .	23 52 7.41
Oct. 10 . .	7.39
24 . .	7.44
Nov. 13 . .	7.40
14 . .	7.39
15 . .	7.45
Dec. 11 . .	7.33
20 . .	7.40
21 . .	7.41

WEISSE XXIII, 1110.

Dec. 22 . .	23 54 25.70	9.0

B. A. C. 8351.

Nov. 13 . .	23 54 52.09

c^1 PISCIUM.

Nov. 12 . .	23 55 14.02	7.0

WEISSE XXIII, 1142.

1860.	h. m. s.	Mag.
Oct. 26 . .	23 55 35.15	8.5

WEISSE XXIII, 1205.

Dec. 21 . .	23 58 57.74	8.5
22 . .	57.66	8.5

B. A. C. 8372.

Oct. 24 . .	23 58 57.61

WEISSE XXIII, 1218.

Nov. 14 . .	23 59 41.38	9.0

WEISSE XXIII, 1222.

Oct. 10 . .	23 59 53.87	8.0
Nov. 12 . .	53.83	8.0

Hosted by Google

MEAN DECLINATIONS OF STARS FOR 1850.0.

MURAL CIRCLE.

α ANDROMEDÆ, $0^h\ 0^m\ 38^s$.

1853.	° ′ ″
March 3	+28 15 42.92

B. A. C. 18, $0^h\ 2^m\ 44^s$.

November 1	+58 50 20.36
2	19.89

B. A. C. 25, $0^h\ 4^m\ 23^s$.

October 6	−43 0 21.09
8	21.09

B. A. C. 28, $0^h\ 5^m\ 44^s$.

November 4	+40 12 24.55
5	25.02

B. A. C. 39, $0^h\ 7^m\ 49^s$.

November 26	+76 7 2.08
30	1.55

B. A. C. 49, $0^h\ 9^m\ 9^s$.

October 15	−33 31 18.00
November 14	16.02

B. A. C. 83, $0^h\ 17^m\ 1^s$.

November 1	+52 12 55.67
2	55.11
4	55.40

B. A. C. 91, $0^h\ 18^m\ 16^s$.

November 14	+19 18 56.59
26	55.86

B. A. C. 92, $0^h\ 18^m\ 28^s$.

September 26	+55 48 36.85
October 6	36.33
15	38.09

B. A. C. 109, $0^h\ 22^m\ 13^s$.

September 26	+28 55 25.94
October 6	26.83
8	26.84

B. A. C. 133, $0^h\ 25^m\ 49^s$.

November 1	+19 36 19.23
2	19.09
4	19.37

B. A. C. 147, $0^h\ 27^m\ 51^s$.

November 5	−19 47.55
14	47.61

B. A. C. 149, $0^h\ 28^m\ 10^s$.

1853.	° ′ ″
November 26	+12 23 14.61
December 7	14.78

B. A. C. 158, $0^h\ 29^m\ 20^s$.

September 26	+34 34 23.94
October 6	24.10
8	23.69
15	24.19

α CASSIOPEÆ, $0^h\ 32^m\ 2^s$.

March 3	+55 42 49.69
16	50.63

β CETI, $0^h\ 36^m\ 3^s$.

November 26	−18 48 38.75
30	38.07
December 7	37.94
8	37.86
10	37.66
13	37.87
15	38.53

B. A. C. 197, $0^h\ 36^m\ 7^s$.

November 1	+47 2 28.41
2	28.72
4	27.91

B. A. C. 219, $0^h\ 40^m\ 22^s$.

September 26	+50 8 56.47
October 6	56.11
8	56.58

B. A. C. 224, $0^h\ 41^m\ 7^s$.

November 5	+27 54 4.00
14	3.93

B. A. C. 239, $0^h\ 44^m\ 9^s$.

November 26	+60 18 2.78
30	1.88

B. A. C. 244, $0^h\ 46^m\ 8^s$.

December 8	+58 9 34.45
10	35.23

B. A. C. 260, $0^h\ 48^m\ 30^s$.

December 13	−12 4 46.88

B. A. C. 263, $0^h\ 49^m\ 10^s$.

November 5	+26 11 12.64
14	12.98
December 7	13.04

B. A. C. 281, $0^h\ 54^m\ 19^s$.

1853.	° ′ ″
November 5	+ 7 7 49.95
26	50.24
December 30	50.33

B. A. C. 284, $0^h\ 54^m\ 34^s$.

December 13	−39 1 11.71
14	10.89

B. A. C. 290, $0^h\ 55^m\ 27^s$.

December 8	+53 24 0.31
10	1.35
12	0.04

POLARIS, $1^h\ 5^m\ 1^s$.

February 25	+88 30 (32.17)
March 3	34.34
10	35.81
16	34.88
25	34.74
November 1	33.98
2	33.95
4	34.09
5	34.62
14	34.04
26	35.15
30	34.43
December 7	35.30
8	34.94
10	35.25
12	34.46
13	34.39
14	34.44
15	34.71
20	34.11

POLARIS, S. P.

April 5	+88 30 36.01
22	33.02

(*), $1^h\ 14^m\ 56^s$.

October 6	− 1 14 8.22
8	8.65

θ^1 CETI, $1^h\ 16^m\ 32^s$.

November 1	− 8 57 32.84
2	32.54
4	31.51
5	32.06
14	31.67
26	31.89
30	30.97
December 7	31.01
8	30.29
10	31.01
12	32.45
13	31.17
14	31.26
15	32.16
20	31.81

B. A. C. 472, $1^h\ 27^m\ 5^s$.

1853.	° ′ ″
November 2	+ 0 11 6.81
26	8.17
30	8.58

B. A. C. 482, $1^h\ 28^m\ 22^s$.

December 12	+57 12 52.54
13	54.24
15	54.18

O. ARG. N. 1812, $1^h\ 31^m\ 17^s$.

December 8	+67 16 53.38
10	53.66

B. A. C. 524, $1^h\ 34^m\ 22^s$.

November 1	+15 1 8.60
2	8.60

B. A. C. 547, $1^h\ 40^m\ 9^s$.

November 30	+47 8 50.82
December 10	52.17
24	51.51
27	51.25

B. A. C. 549, $1^h\ 40^m\ 14^s$.

December 12	+16 16 14.23
13	14.90
15	13.75

B. A. C. 562, $1^h\ 43^m\ 17^s$.

November 2	+50 44 51.49
4	52.02

WEISSE I, 847, $1^h\ 47^m\ 2^s$.

December 24	+ 2 39 15.24
27	15.94

B. A. C. 594, $1^h\ 49^m\ 39^s$.

December 13	−23 15 38.96
15	40.22

B. A. C. 598, $1^h\ 50^m\ 22^s$.

November 30	− 2 47 34.85
December 7	34.39
8	35.16
10	34.26
12	34.97

B. A. C. 613, $1^h\ 52^m\ 12^s$.

November 2	−41 54 7.03
5	7.98
20	5.69

Hosted by Google

α ARIETIS, 1h 58m 44s.

1853.	° ′ ″
January 6	+22 45 4.13
March 29	1.04
December 12	2.47
13	3.15
15	1.96
20	1.57
24	2.45
27	2.30

B. A. C. 662, 2h 1m 49s.

November 2	+38 19 57.01
4	58.68
5	57.99

B. A. C. 667, 2h 2m 40s.

November 30	+30 49 1.23
December 8	1.33

B. A. C. 702, 2h 8m 45s.

December 10	+63 38 28.62
12	29.89
13	30.10

67 CETI, 2h 9m 30s.

December 14	− 7 6 55.46
15	57.00
20	56.30

B. A. C. 718, 2h 11m 21s.

November 2	+56 33 7.93
5	7.94
26	8.29

B. A. C. 725, 2h 12m 37s.

December 24	+56 41 54.26

O. ARG. N. 2729, 2h 15m 41s.

November 5	+56 32 47.98
26	47.94
December 8	47.59

B. A. C. 745, 2h 16m 47s.

January 6	+ 9 55 46.02

LALANDE 4460, 2h 17m 17s.

January 5	+18 52 25.41

B. A. C. 758, 2h 19m 25s.

December 14	+ 9 31 49.80
15	48.39
20	48.62

B. A. C. 764, 2h 21m 35s.

November 2	+ 8 53 36.06
5	35.78

B. A. C. 768, 2h 22m 8s.

December 10	−31 46 26.22
12	27.09
13	25.35

B. A. C. 776, 2h 23m 45s.

1853.	° ′ ″
December 24	+ 1 35 59.20

RUMKER 654, 2h 25m 4s.

January 4	+19 46 31.16

B. A. C. 807, 2h 30m 9s.

November 26	− 4 2 52.57

B. A. C. 809, 2h 30m 45s.

November 2	−35 13 18.83
5	19.53

γ CETI, 2h 35m 32s.

January 6	+ 2 36 (5.16)
8	4.51
11	4.82
29	3.64
February 3	(2.06)
10	3.47
December 12	4.36
13	4.31
14	4.60
15	3.43
20	3.32
24	4.03
27	4.05

B. A. C. 857, 2h 38m 13s.

November 26	+56 24 11.49
December 10	10.50

B. A. C. 858, 2h 38m 29s.

December 12	+56 27 16.57
13	15.35
14	15.34

B. A. C. 880, 2h 43m 12s.

November 2	−25 10 47.06
5	46.72

RUMKER 742, 2h 46m 52s.

January 5	+22 19 16.39

B. A. C. 920, 2h 50m 18s.

November 26	+21 0 52.12

B. A. C. 922, 2h 50m 44s.

January 6	−24 27 57.15
11	57.59

(*), 2h 51m 4s.

December 15	+14 36 12.63

B. A. C. 944, 2h 53m 27s.

November 2	−33 6 27.21
5	27.05

α CETI, 2h 54m 27s.

1853.	° ′ ″
January 4	+ 3 29 55.93
6	55.04
8	55.26
11	55.36
29	53.37
February 3	52.26
December 10	54.24
12	54.07
14	55.46

B. A. C. 960, 2h 57m 40s.

November 26	+84 21 54.48
27	54.25

B. A. C. 980, 3h 1m 33s.

December 10	+26 19 8.47
12	9.08
13	8.50

B. A. C. 1019, 3h 10m 1s.

November 26	−31 22 58.10
December 15	59.89
27	62.14

WEISSE III, 172, 3h 10m 1s.

January 5	+12 16 16.35

α PERSEI, 3h 13m 38s.

January 4	+49 19 23.61
6	21.54
8	22.31
10	22.14
11	23.54
29	21.61
February 3	21.43
December 10	22.58
12	23.18
13	22.30
14	23.20
15	21.65

B. A. C. 1057, 3h 16m 45s.

January 19	+ 8 29 49.21

B. A. C. 1063, 3h 18m 9s.

January 29	+49 19 21.05

(*), 3h 21m.

January 5	+ 9 26 8.43

B. A. C. 1097, 3h 25m 41s.

December 14	+31 30 40.45
15	39.80

B. A. C. 1101, 3h 26m 18s.

November 26	+31 10 29.32
December 10	29.56
13	29.79

B. A. C., 1130, 3h 32m 33s.

December 20	−28 26 10.58
24	10.12

η TAURI, 3h 38m 35s.

1853.	° ′ ″
January 8	+23 38 15.10
11	14.40
December 10	14.75
12	14.36
13	15.59
14	14.50
15	14.57
20	15.02
27	13.42

B. A. C. 1171, 3h 39m 35s.

November 26	+23 52 47.03
27	49.22

B. A. C. 1205, 3h 44m 32s.

December 15	− 1 36 6.23
24	6.1[illegible]

γ1 ERIDANI, 3h 51m 2s.

January 4	−13 56 16.32
5	16.32
6	19.46
February 3	18.84
17	18.80
December 10	18.99
12	18.61
13	19.63
14	19.04
27	19.55

(*), 2h 51m.

December 15	+14 36 12.63

B. A. C. 1244, 3h 53m 36s.

November 26	+ 9 34 25.19
December 14	24.78

B. A. C. 1282, 4h 2m 37s.

December 10	+48 42 11.48
12	11.33

(*), 4h 4m.

January 4	+28 2 33.66

B. A. C. 1330, 4h 11m 31s.

January 6	+13 40 10.11
10	8.75

B. A. C. 1351, 4h 14m 53s.

December 10	+16 16 28.59
12	28.08

ε TAURI, 4h 19m 52s.

January 19	+18 50 32.73

WEISSE (2) IV, 458, 4h 21m 0s.

January 29	+27 47 45.02
February 3	44.48

Hosted by Google

B. A. C. 1408, $4^h\ 25^m\ 15^s$.

1853.		° ′ ″
February	17	+28 38 33.11

α TAURI, $4^h\ 27^m\ 19^s$.

January	4	+16 12 13.39
	8	12.21
	11	13.10
	19	(9.15)

B. A. C. 1422., $4^h\ 27^m\ 38^s$.

December	14	−30 4 23.48
	15	23.27

WEISSE (2) IV, 606, $4^h\ 27^m\ 51^s$.

January	6	+27 36 56.10
	10	55.66
February	3	54.18

WEISSE (2) IV, 610, $4^h\ 28^m\ 1^s$.

February	17	+29 4 47.49

B. A. C. 1427, $4^h\ 28^m\ 32^s$.

December	27	− 3 55 23.94

B. A. C. 1459, $4^h\ 35^m\ 50^s$.

December	14	+55 19 40.58
	15	40.22

B. A. C. 1463, $4^h\ 36^m\ 39^s$.

December	27	+23 20 49.95

WEISSE (2) IV, 986, $4^h\ 43^m\ 42^s$.

January	6	+26 31 23.56
	10	23.49
	29	21.31
February	3	21.59

B. A. C. 1518, $4^h\ 47^m\ 8^s$.

December	15	+24 20 51.42
	27	51.88

ι TAURI, $4^h\ 54^m\ 8^s$.

January	21	+21 22 10.49

B. A. C. 1591, $5^h\ 1^m\ 7^s$.

January	21	+15 23 57.63

α AURIGÆ, $5^h\ 5^m\ 37^s$.

January	4	+45 50 22.20
	8	21.66
	11	21.63
	29	20.68
February	3	21.55

β ORIONIS, $5^h\ 7^m\ 20^s$.

1853.		° ′ ″
January	6	− 8 22 42.04
	10	43.34
February	10	44.58
	12	44.34
	17	43.85

β TAURI, $5^h\ 16^m\ 49^s$.

January	4	+28 28 (33.36)
	6	31.76
	8	31.83
	10	31.56
	11	32.10
	29	30.53
February	10	31.31
	12	30.85
	17	32.39

δ ORIONIS, $5^h\ 24^m\ 21^s$.

January	8	− 0 24 51.82
	29	52.34
February	12	51.82

α LEPORIS, $5^h\ 26^m\ 7^s$.

January	4	−17 55 57.87
	11	58.68

ε ORIONIS, $5^h\ 28^m\ 36^s$.

February	24	− 1 18 5.81

α COLUMBÆ, $5^h\ 34^m\ 13^s$.

January	4	−34 9 24.08
	6	(22.28)
	29	27.06

α ORIONIS, $5^h\ 47^m\ 3^s$.

January	4	+ 7 22 29.58
	6	29.27
	10	28.97
	11	28.80
	29	26.23
February	11	26.42
	12	26.77
	24	27.62
	26	28.14

μ GEMINORUM, $6^h\ 13^m\ 53^s$.

January	4	+22 35 9.83
	6	9.40
	11	8.42
February	10	7.05
	11	7.62

51 CEPHEI, $6^h\ 28^m\ 34^s$.

January	4	+87 15 21.69
	6	21.52
	10	21.37
	29	22.35
February	11	22.29
	17	21.30
	24	19.32
	25	19.16
	26	21.25
	28	22.23
March	7	(23.37)

α CANIS MAJORIS, $6^h\ 38^m\ 32^s$.

1853.		° ′ ″
February	10	−16 30 50.90
	21	50.96

ε CANIS MAJORIS, $6^h\ 52^m\ 44^s$.

January	10	−28 46 15.65
	29	17.04
February	10	16.52
	12	15.47
	21	15.21
	25	16.36
	26	16.71
March	11	15.37

B. A. C. 2305, $6^h\ 55^m\ 13^s$.

March	19	+29 47 6.19

δ GEMINORUM, $7^h\ 11^m\ 10^s$.

January	6	+22 15 14.00
	10	14.08
	29	12.43
February	10	12.31
	12	12.49
	24	12.44
	26	12.50
	28	12.42
March	11	15.26
	19	13.07
	21	14.38

B. A. C. 2469, $7^h\ 20^m\ 29^s$.

February	11	+28 13 14.26
	17	12.93
	24	12.48
	25	11.96
	26	13.86
	28	13.90
March	21	14.26

a^2 GEMINORUM, $7^h\ 25^m\ 1^s$.

January	6	+32 12 44.99
	10	43.72
	29	42.71
February	10	44.46

B. A. C. 2504, $7^h\ 28^m\ 42^s$.

February	17	+35 22 45.82
	25	44.27
	26	45.87
	28	45.57
March	21	45.40

α CANIS MINORIS, $7^h\ 31^m\ 27^s$.

January	10	+ 5 36 20.60
	29	18.82
February	10	20.38

B. A. C. 2605, $7^h\ 43^m\ 13^s$.

February	24	+19 42 15.60
	25	13.85
	26	16.53
	28	15.12
March	29	17.98

B. A. C. 2691, $7^h\ 56^m\ 45^s$.

1853.		° ′ ″
February	16	+43 41 7.78
	24	7.52
	25	7.61
March	11	8.07
	16	7.29
	25	8.34
	29	8.82

ρ ARGUS, $8^h\ 1^m\ 9^s$.

February	10	−23 52 29.65
	17	28.93
March	15	29.18

B. A. C. 2788, $8^h\ 11^m\ 36^s$.

February	10	+21 13 61.31
	16	59.44
	24	59.74
March	11	59.67

B. A. C. 2798, $8^h\ 14^m\ 32^s$.

March	16	+42 28 57.44
	25	58.38
	29	58.56

B. A. C. 2818, $8^h\ 17^m\ 44^s$.

February	24	+25 1 23.45
	26	23.78
March	16	24.32

B. A. C. 2855, $8^h\ 23^m\ 9^s$.

February	10	+38 31 34.49
	16	32.09
	24	32.43
March	15	34.74
	29	35.48

B. A. C. 2912, $8^h\ 31^m\ 0^s$.

March	15	+32 28 3.62
	16	3.99
	29	5.06
April	5	3.63

B. A. C. 2952, $8^h\ 36^m\ 9^s$.

February	10	+31 14 14.45
	16	12.91
	24	12.45
	26	14.24
March	7	13.42
	16	12.55
	29	13.54
April	8	11.49

ε HYDRÆ, $8^h\ 38^m\ 50^s$.

April	2	+ 6 57 55.57
	10	56.59

LALANDE 17647, $8^h\ 49^m$.

April	10	−13 28 11.73

Hosted by Google

B. A. C. 3033, $8^h\ 47^m\ 41^s$.

1853.		° ′ ″
February	10	+33 28 60.97
	16	59.66
	24	59.34
	26	60.96
March	2	(63.05)
	7	61.56
	15	60.90
	16	59.72
	23	60.86
	29	61.43

LALANDE 17662, $8^h\ 49^m$.

April	11	−13 19 59.43

B. A. C. 3109, $8^h\ 58^m\ 59^s$.

February	10	+30 15 14.53
	16	13.43
	24	13.78
	26	14.82
March	2	15.36
	7	14.42
	15	12.31
	16	13.21
	19	13.41
	23	13.61
	29	13.92

WEISSE VIII, 1529, $9^h\ 0^m\ 5^s$.

April	10	−12 42 27.57

B. A. C. 3131, $9^h\ 3^m\ 58^s$.

March	16	+43 49 56.26
	23	56.05
	25	57.15
	29	57.47
April	2	55.70
	8	55.57

B. A. C. 3181, $9^h\ 12^m\ 11^s$.

March	16	+19 43 20.80
	19	21.08
	23	21.46
	25	21.62
	29	21.93
April	10	21.64

B. A. C. 3201, $9^h\ 15^m\ 23^s$.

February	10	+26 33 33.67
	16	32.46
	24	32.52
	26	34.63
March	2	33.97
	7	35.82
April	2	32.52

WEISSE IX, 488, $9^h\ 22^m\ 36^s$.

April	10	−12 4 48.30
	11	48.71

B. A. C. 3252, $9^h\ 24^m\ 17^s$.

February	24	+37 8 53.37
	26	55.12
March	2	54.66
	7	56.74
	23	54.91
	25	55.79
	29	55.89
April	2	(52.60)

B. A. C. 3261, $9^h\ 25^m\ 1^s$.

1853.		° ′ ″
April	5	+37 3 36.05
	8	36.12
	15	36.80
	18	36.23

ε LEONIS, $9^h\ 37^m\ 20^s$.

February	16	+24 27 42.43

WEISSE IX, 868, $9^h\ 39^m\ 30^s$.

April	10	−11 14 49.06
	11	48.87

B. A. C. 3355, $9^h\ 41^m\ 26^s$.

February	26	+21 52 32.90
March	7	34.32
	23	33.46
	25	33.74
April	2	32.31
	5	32.13

B. A. C. 3399, $9^h\ 48^m\ 29^s$.

April	2	+41 46 0.41
	5	1.94
	15	2.07
	18	2.47

B. A. C. 3409, $9^h\ 50^m\ 57^s$.

February	26	+30 21 41.36
March	7	42.69
	16	42.00
	23	41.75
	25	42.08

B. A. C. 3427, $9^h\ 55^m\ 14^s$.

March	7	+33 22 9.79
	16	8.15
	19	10.35
	23	8.45
	29	8.35
April	5	7.50

α LEONIS, $10^h\ 0^m\ 23^s$.

April	11	+12 41 52.92

B. A. C. 3466, $10^h\ 1^m\ 36^s$.

April	27	+41 23 46.50
	28	45.53
	30	47.96

B. A. C. 3500, $10^h\ 7^m\ 42^s$.

April	27	+30 3 20.59
	28	(18.60)
	30	21.44

B. A. C. 3539, $10^h\ 14^m\ 24^s$.

April	27	+35 58 22.64
	28	(20.81)
	30	23.78

B. A. C. 3584, $10^h\ 21^m\ 20^s$.

1853.		° ′ ″
February	24	+39 41 25.74
March	7	28.09
	16	26.48
	19	28.83
	25	26.67
	29	26.63
April	5	25.81
	11	28.14

B. A. C. 3610, $10^h\ 24^m\ 56^s$.

April	27	+35 45 33.28
	28	32.02
	30	34.33

B. A. C. 3671, $10^h\ 35^m\ 15^s$.

February	24	+23 58 20.49
March	7	19.66
	16	17.78
	19	20.71
	23	18.64
	25	19.23
	29	20.06
April	2	18.81
	5	18.01
	8	18.31
	10	18.89
	11	18.89

B. A. C. 3710, $10^h\ 41^m\ 38^s$.

February	24	+28 45 51.53
March	7	53.34
	16	52.91
	19	52.96
	23	52.45
	29	53.17
April	2	50.96
	5	52.05
	8	51.83
	10	51.67

B. A. C. 3736, $10^h\ 46^m\ 37^s$.

March	25	+34 50 4.01
April	18	2.75
	20	2.79
	21	(1.44)

B. A. C. 3741, $10^h\ 47^m\ 25^s$.

April	27	+34 18 22.52
	28	(20.87)
	30	24.00

B. A. C. 3781, $10^h\ 55^m\ 56^s$.

March	7	+39 40 30 81
	16	29.44
	19	31.83
	23	31.60
	25	30.27
April	5	29.44
	8	29.51
	10	29.64

B. A. C. 3811, $11^h\ 1^m\ 4^s$.

April	27	+37 7 18.78
	30	19.78
May	2	18.28

δ LEONIS, $11^h\ 6^m\ 7^s$.

1853.		° ′ ″
April	10	+21 20 40.99
	18	40.61
	22	41.02
	27	40.17
	28	39.04

B. A. C. 3842, $11^h\ 7^m\ 13^s$.

March	16	+23 54 43.51
	19	45.30
	23	44.38
	25	43.88
April	5	42.85
	8	43.09
	21	(41.07)

B. A. C. 3846, $11^h\ 8^m\ 14^s$.

April	30	+50 17 38.42
May	2	37.43
	9	35.94

δ CRATERIS, $11^h\ 11^m\ 51^s$.

April	8	−13 58 3.96
	10	2.45
	18	2.06
	22	3.18

WEISSE XI, 509, $11^h\ 27^m\ 14^s$.

April	28	+21 16 11.19

WEISSE XI, 618, $11^h\ 35^m\ 10^s$.

April	22	− 5 35 4.20
	27	4.84

B. A. C. 3973, $11^h\ 35^m\ 39^s$.

March	16	+42 33 17.30
	23	17.63
	25	17.18
April	5	16.38
	18	17.77

B. A. C. 3981, $11^h\ 38^m\ 7^s$.

April	30	+48 36 39.86
May	2	38.18
	9	38.17

β LEONIS, $11^h\ 41^m\ 24^s$.

May	9	+15 24 34.72

B. A. C. 4014, $11^h\ 45^m\ 3^s$.

March	16	+16 16 22.20
	23	23.82
	25	22.90
April	5	21.73
	18	23.42

B. A. C. 4026, $11^h\ 47^m\ 17^s$.

April	21	+47 18 38.78

B. A. C. 4028, $11^h\ 47^m\ 22^s$.

April	21	+47 18 14.14

Hosted by Google

B. A. C. 4056, $11^h\ 54^m\ 3^s$.

1853.		° ′ ″
April	28	+22 55 45.42
May	2	47.26
	9	47.00

B. A. C. 4066, $11^h\ 56^m\ 35^s$.

March	16	+22 17 39.68
	23	40.37
	25	40.91
April	5	39.74
	18	40.26

B. A. C. 4100, $12^h\ 3^m\ 9^s$.

April	26	+28 6 60.03
	28	(57.80)
	30	60.66
May	2	59.73
	9	59.27

B. A. C. 4177, $12^h\ 16^m\ 23^s$.

April	26	+43 22 26.42
	27	28.15
	28	(25.77)
	30	27.57
May	2	27.82

WEISSE (2) XII, 424, $12^h\ 20^m\ 4^s$.

April	18	+25 3 29.43
	20	30.14

WEISSE (2) XII, 478, $12^h\ 22^m\ 36^s$.

April	18	+25 10 11.05
	20	12.16

B. A. C. 4217, $12^h\ 22^m\ 56^s$.

April	26	+52 21 50.15
	27	50.55
May	2	50.31
	9	50.50

B. A. C. 4242, $12^h\ 27^m\ 36^s$.

May	2	+19 12 13.00
	9	12.43

WEISSE (2) XII, 599, $12^h\ 27^m\ 38^s$.

April	20	+22 42 34.69

B. A. C. 4285, $12^h\ 37^m\ 53^s$.

April	26	+40 5 39.75
	27	40.95
	28	39.56
May	2	40.75
	9	40.56

WEISSE (2) XII, 877. $12^h\ 42^m\ 8^s$.

April	18	+18 28 16.41
	20	17.07
	22	16.01

B. A. C. 4360, $12^h\ 53^m\ 6^s$.

1853.		° ′ ″
April	26	+31 35 41.76
	27	41.82
May	2	40.54
	9	41.45

(*), $13^h\ 2^m\ 0^s$.

April	15	+13 7 17.81
	18	16.72
	20	15.89

B. A. C. 4421, $13^h\ 4^m\ 52^s$.

April	26	+28 38 21.30
	27	21.77
May	2	21.11
	9	22.15

(*) $13^h\ 20^m\ 0^s$.

April	18	+ 7 41 17.85
	20	17.64

B. A. C. 4519, $13^h\ 24^m\ 45^s$.

April	26	+42 52 45.64
	27	45.58
May	2	44.27
	9	44.20

B. A. C. 4594, $13^h\ 39^m\ 45^s$.

April	15	+26 27 24.22
	18	23.66
	20	24.19
	22	23.95

B. A. C. 4605. $13^h\ 41^m\ 0^s$.

April	27	+55 11 1.56
May	2	0.89
	9	2.39

B. A. C. 4615, $13^h\ 42^m\ 15^s$.

May	11	+16 32 38.83
June	3	37.77
	4	38.10

B. A. C. 4627, $13^h\ 44^m\ 27^s$.

April	18	+35 31 2.47
	20	3.59
	22	2.85

η BOOTIS, $13^h\ 47^m\ 33^s$.

May	11	+19 9 6.88

B. A. C. 4700, $14^h\ 2^m\ 39^s$.

June	3	−15 35 28.05
	4	26.66
	5	26.24

B. A. C. 4706, $14^h\ 3^m\ 33^s$.

April	18	+25 48 16.77
	20	16.92
	21	(14.83)
	22	16.36

LALANDE 26054, $14^h\ 6^m\ 19^s$.

1853.		° ′ ″
May	9	−16 45 34.62

B. A. C. 4731, $14^h\ 9^m\ 1^s$.

April	27	+19 36 44.45
May	2	43.31
June	3	44.48

B. A. C. 4747, $14^h\ 11\ 39^s$.

April	15	+36 12 13.48
	18	13.16
	20	13.65
	21	(12.06)
	22	14.26

B. A. C. 4752, $14^h\ 12^m\ 1^s$

June	4	+52 0 9.17
	5	9.39
	24	7.71

B. A. C. 4783, $14^h\ 19^m\ 22^s$.

April	18	+39 4 22.98
	20	22.69

B. A. C. 4805, $14^h\ 23^m\ 41^s$.

June	4	+42 28 29.46
	5	28.23
	24	28.18

B. A. C. 4810, $14^h\ 25^m\ 43^s$.

April	15	+22 55 22.49
	18	21.70
May	2	21.49

B. A. C. 4814, $14^h\ 26^m\ 25^s$.

April	20	−19 46 41.07
	22	41.45
	27	41.32

B. A. C. 4841, $14^h\ 32^m\ 35^s$.

April	15	+44 17 29.03
	18	28.45
May	2	29.32

B. A. C. 4873, $14^h\ 38^m\ 15^s$.

April	20	+17 36 8.26
	22	8.38
	27	7.99

ε BOOTIS, $14^h\ 38^m\ 26^s$.

June	3	+27 42 33.31
	4	33.44
	5	31.77

α^2 LIBRÆ, $14^h\ 42^m\ 35^s$.

April	26	−15 24 55.35

B. A. C. 4902, $14^h\ 43^m\ 31^s$.

June	3	+29 14 22.28
	4	22.24
	5	21.94

B. A. C. 4958, $14^h\ 56^m\ 18^s$.

1853.		° ′ ″
April	22	+40 59 5.70
	27	5.30
May	4	5.61

B. A. C. 4993, $15^h\ 2^m\ 3^s$.

April	18	+25 41 6.91
	22	8.45
	27	8.37
May	2	7.71

β LIBRÆ, $15^h\ 8^m\ 56^s$.

May	11	− 8 49 33.97

B. A. C. 5048, $15^h\ 11^m\ 41^s$.

April	18	+21 7 25.85
	22	27.39
May	9	25.78

B. A. C. 5061, $15^h\ 13^m\ 56^s$.

June	4	+30 9 47.38
	5	47.27
	24	46.31

B. A. C. 5072, $15^h\ 15^m\ 48^s$.

May	2	+33 28 22.60
	11	23.18
June	4	21.75

B. A. C. 5084, $15^h\ 18^m\ 50^s$.

April	20	+37 54 20.48
	22	21.54
May	9	20.42

B. A. C. 5092, $15^h\ 20^m\ 16^s$.

May	11	+47 35 29.79
June	3	29.21
	5	28.95

B. A. C. 5130, $15^h\ 26^m\ 25^s$.

June	4	+41 24 38.13
	24	37.68
	25	38.78

B. A. C. 5146, $15^h\ 28^m\ 45^s$.

April	18	+18 9 29.40
	20	29.30
May	2	29.70
	9	28.66

B. A. C. 5168, $15^h\ 32^m\ 26^s$.

April	18	+40 50 38.60
	20	39.02
May	2	39.60
	11	39.08

B. A. C. 5223, $15^h\ 40^m\ 20^s$.

April	18	+14 34 52.45
	20	53.24
May	2	53.48

Hosted by Google

B. A. C. 5234, $15^h\ 42^m\ 0^s$.

1853.		° ′ ″
May	9	+18 36 28.63
	11	29.21
June	3	28.97

B. A. C. 5236, $15^h\ 42^m\ 24^s$.

June	4	+28 37 11.08
	24	9.32
	25	9.78

B. A. C. 5271, $15^h\ 47^m\ 29^s$.

June	24	+42 52 24.57
	25	24.26
	28	25.39

B. A. C. 5273, $15^h\ 47^m\ 58^s$.

April	18	+20 45 12.78
	20	13.64
May	2	14.29

B. A. C. 5287, $15^h\ 49^m\ 38^s$.

May	9	+43 34 38.78
	11	40.26
June	3	39.88

B. A. C. 5295, $15^h\ 50^m\ 20^s$.

June	4	+38 22 59.47
July	4	57.95
	5	58.75

B. A. C. 5298, $15^h\ 50^m\ 28^s$.

July	6	+43 0 18.48
	7	17.25
	9	17.92

B. A. C. 5315, $15^h\ 54^m\ 30^s$.

June	28	+18 14 9.72
July	4	9.16
	6	10.44

β^1 Scorpii, $15^h\ 56^m\ 43^s$.

April	20	−19 23 24.71

B. A. C. 5341, $15^h\ 58^m\ 16^s$.

June	4	+53 20 3.21
	24	2.06
	25	2.62

δ Ophiuchi, $16^h\ 6^m\ 29^s$.

June	25	− 3 18 15.48
	28	16.05

B. A. C. 5426, $16^h\ 8^m\ 50^s$.

April	18	+19 11 23.89
	20	24.59
May	2	25.25
	11	24.46

B. A. C. 5460, $16^h\ 14^m\ 47^s$.

1853.		° ′ ″
April	20	+40 4 12.99
May	2	13.13
July	9	12.15
	23	12.27

B. A. C. 5473, $16^h\ 16^m\ 15^s$.

April	18	+31 14 34.47
May	11	34.73
June	3	35.46

B. A. C. 5527, $16^h\ 24^m\ 1^s$.

April	20	+20 48 37.79
May	2	38.62
	9	36.94

B. A. C. 5541, $16^h\ 27^m\ 39^s$.

May	11	+30 49 1.17
June	4	0.79
	28	0.13

B. A. C. 5546, $16^h\ 28^m\ 28^s$.

June	28	+38 24 12.95
July	5	13.13
	7	12.07

B. A. C. 5549, $16^h\ 28^m\ 59^s$.

July	8	+50 27 32.77
	9	33.50
	23	33.00

B. A. C. 5597, $16^h\ 34^m\ 48^s$.

May	11	+25 9 4.72
June	3	5.10
	4	5.12

B. A. C. 5615, $16^h\ 37^m\ 41^s$.

June	25	+36 47 36.08
	28	36.66
July	4	36.80

B. A. C. 5619, $16^h\ 38^m\ 20^s$.

July	5	+34 19 4.85
	7	3.80
	8	4.80
	9	5.43

B. A. C. 5652, $16^h\ 43^m\ 25^s$.

May	11	+30 13 30.13
June	3	31.61
	4	30.88

B. A. C. 5677, $16^h\ 45^m\ 32^s$.

June	25	+24 54 42.78
	28	43.18
July	4	43.42

B. A. C. 5693, $16^h\ 47^m\ 17^s$.

July	6	+31 57 10.28
	7	10.21
	8	10.72
	9	11.08

B. A. C. 5706, $16^h\ 50^m\ 1^s$.

1853.		° ′ ″
June	28	+46 47 1.06
July	4	1.00
	5	1.81

B. A. C. 5732, $16^h\ 54^m\ 44^s$.

May	11	+15 10 20.80
June	3	20.80
	4	20.45

B. A. C. 5775, $17^h\ 0^m\ 31^s$.

June	7	+44 1 5.66
	9	6.65
	23	5.64

B. A. C. 5788, $17^h\ 2^m\ 43^s$.

May	11	+36 7 59.15
June	3	58.82
	4	57.44

B. A. C. 5790, $17^h\ 2^m\ 53^s$.

July	28	+40 42 53.03
	30	52.98
August	6	53.17

B. A. C. 5795, $17^h\ 4^m\ 37^s$.

June	25	+51 2 1.36
	28	2.73
July	4	2.65
	9	3.22

B. A. C. 5828, $17^h\ 8^m\ 52^s$.

June	28	+25 1 9.52
July	4	9.40
	6	10.16
	7	9.62

B. A. C. 5841, $17^h\ 11^m\ 34^s$.

May	11	+11 1 51.64
June	3	51.75
	4	51.51
July	23	52.15

B. A. C. 5860, $17^h\ 14^m\ 44^s$.

June	25	+24 39 6.33
July	6	7.85
	7	7.28

B. A. C. 5883, $17^h\ 17^m\ 50^s$.

May	11	+23 6 12.03
	28	10.73
July	4	11.83

B. A. C. 5886, $17^h\ 18^m\ 31^s$.

July	8	+37 17 12.21
	9	12.21
	23	11.51

B. A. C. 5900, $17^h\ 20^m\ 21^s$.

July	28	+20 12 44.11
	30	44.46
August	6	44.92

B. A. C. 5927, $17^h\ 25^m\ 15^s$.

1853.		° ′ ″
June	6	+31 16 24.48
	7	24.43
	8	24.16

B. A. C. 5929, $17^h\ 25^m\ 40^s$.

July	9	+38 59 49.51
	28	48.90
	30	49.93

B. A. C. 5962, $17^h\ 30^m\ 54^s$.

June	4	+30 52 50.94
	6	50.77
	7	50.23
	23	50.24

B. A. C. 5986, $17^h\ 34^m\ 18^s$.

July	8	+31 17 6.08
	9	6.61
	15	6.52
	28	6.54

μ Herculis, $17^h\ 40^m\ 35^s$.

June	28	+27 48 41.73
July	4	42.43
	6	41.94
	7	42.22

B. A. C. 6032, $17^h\ 42^m\ 41^s$.

August	9	−31 16 53.72
	10	53.90
	19	52.58

B. A. C. 6087, $17^h\ 52^m\ 46^s$.

May	11	+30 12 18.67
June	3	18.94
	4	18.24
	8	18.27

γ Draconis, $17^h\ 53^m\ 7^s$.

June	28	+51 30 28.87
July	4	30.72
	6	30.37
	7	30.71
	9	29.51
	23	30.59
	28	30.91
August	8	31.16

B. A. C. 6113, $17^h\ 56^m\ 7^s$.

August	9	−29 16 44.44
	10	44.47
	19	43.05

B. A. C. 6130, $17^h\ 59^m\ 18^s$.

August	8	−30 0 28.73
	12	28.49

B. A. C. 6147, $18^h\ 1^m\ 20^s$.

May	11	+30 32 37.75
June	3	37.64
	4	35.92
	23	36.58

Hosted by Google

B. A. C. 6150, 18h 1m 42s.

1853.		° ′ ″
June	28	+28 44 41.42
July	4	42.09
	6	42.33
	8	41.68

B. A. C. 6166, 18h 3m 52s.

August	9	−31 59 55.98
	10	55.92

B. A. C. 6178, 18h 6m 16s.

May	11	+31 22 16.61
June	3	17.37
	4	15.32
	28	16.63

B. A. C. 6202, 18h 10m 46s.

August	23	−31 22 28.25
	26	27.05

B. A. C. 6212, 18h 11m 41s.

August	9	−32 14 29.48
	10	29.04

B. A. C. 6235, 18h 14m 36s.

June	28	+35 59 58.46
July	4	59.75
	6	59.73
	30	59.72

B. A. C. 6241, 18h 15m 53s.

July	8	+23 12 44.27
	15	45.07
	23	45.63
	28	45.74

B. A. C. 6261, 18h 18m 23s.

August	8	−26 43 2.86
	12	2.41
	19	2.50

B. A. C. 6264, 18h 18m 45s.

August	26	−26 50 28.49
	29	27.84

B. A. C. 6270, 18h 19m 37s.

August	9	−26 40 12.91
	10	12.51

B. A. C. 6271, 18h 19m 38s.

August	13	−29 20 50.17
	23	47.93

δ Ursæ Minoris, S. P., 18h 20m 44s.

February	12	+86 35 50.67
	17	51.42
	24	52.19
	25	(53.61)
	26	50.45
	28	49.61

B. A. C. 6295, 18h 22m 40s.

1853.		° ′ ″
August	23	−29 17 25.92
	31	26.85

B. A. C. 6322, 18h 26m 32s.

May	11	+23 30 31.15
June	3	31.09
	4	30.28
	28	30.92

B. A. C. 6349, 18h 30m 20s.

June	28	+38 46 31.16
July	4	31.61
	6	32.16
	8	32.59

α Lyræ, 18h 31m 52s.

January	6	+38 38 49.14
	9	48.36
	16	49.09
	17	49.23
	20	47.17
	26	49.49
	27	50.42
	28	49.85
	31	50.34
May	11	47.53
June	3	48.55
	4	(46.56)
July	15	48.82
	23	48.93
	28	48.59
	30	48.67
August	6	50.67
	8	47.34
	9	49.47
	10	49.44
	11	49.86
	12	48.81
	13	49.30
	19	48.27
	20	47.88
	22	48.57
	23	48.88
	26	47.97
	29	47.88
	30	49.16
	31	48.79

B. A. C. 6372, 18h 36m 26s.

August	10	+52 3 25.70
	12	24.83
	13	25.19

B. A. C. 6382, 18h 38m 10s.

August	30	−28 26 6.99
September	8	5.19

B. A. C. 6387, 18h 39m 12s.

June	3	+20 24 23.53
	4	22.47
	28	22.81

B. A. C. 6390, 18h 39m 22s.

July	6	+39 30 57.33
	8	57.05
	23	58.54
	28	57.26

B. A. C. 6391, 18h 39m 25s.

1853.		° ′ ″
July	6	+39 27 30.03
	8	29.74
	23	30.90
	28	29.54

Brisbane 6501, 18h 40m.

August	6	−44 38 20.15
	11	18.90

(*), 18h 42m.

August	6	−44 42 17.66
	11	17.72

B. A. C. 6426, 18h 44m 11s.

August	9	+32 38 34.62
	12	34.67
	13	35.56

B. A. C. 6452, 18h 48m 13s.

July	30	+52 46 58.85
August	8	58.06
	9	59.94
	10	61.08

B. A. C. 6453, 18h 48m 25s.

June	3	+22 27 30.71
	4	29.23
	28	29.35

B. A. C. 6465, 18h 49m 9s.

August	6	−25 4 15.68
	7	15.89
	8	15.43

B. A. C. 6466, 18h 49m 16s.

July	4	+36 42 39.01
	6	38.78
	8	38.22
	23	39.75

B. A. C. 6497, 18h 54m 21s.

July	28	+31 56 20.43
	30	19.06
August	6	21.59
	8	18.89
	9	20.24

ζ Aquilæ, 18h 58m 31s.

July	4	+13 38 39.23
	6	39.53
	8	38.55
	23	41.11
	28	40.46
August	6	41.17
	8	39.12
	9	40.57
	10	41.51
	12	40.30
	13	40.51
September	9	39.87

B. A. C. 6549, 19h 0m 54s.

August	20	−30 14 28.13
	22	26.72
	26	27.52
September	6	27.05

(*), 19h 9m.

1853.		° ′ ″
June	4	−41 16 31.42
August	6	30.06

B. A. C. 6589, 19h 9m 46s.

June	28	+21 7 44.23
July	4	45.05
	6	44.68

B. A. C. 6594, 19h 10m 47s.

August	11	−32 5 18.74
	12	19.58

B. A. C. 6599, 19h 11m 10s.

July	8	+37 52 9.58
	23	10.11
	28	10.00
	30	9.76

B. A. C. 6602, 19h 11m 23s.

August	26	+22 45 31.88
	30	32.80

B. A. C. 6609, 19h 12m 8s.

August	13	−29 52 49.38
	19	49.44
	20	49.72

B. A. C. 6627, 19h 15m 1s.

September	7	−31 4 59.17
	13	58.89

B. A. C. 6631, 19h 15m 37s.

September	5	−29 35 38.63
	6	39.34

δ Aquilæ, 19h 17m 56s.

August	8	+ 2 49 12.37
	9	11.79
	10	13.08
September	6	11.40
October	7	12.09
	8	10.60

B. A. C. 6648, 19h 18m 13s.

July	4	+29 19 52.24
	6	52.31
	8	51.40

B. A. C. 6665, 19h 20m 8s.

August	11	−31 5 22.43
	12	22.98

B. A. C. 6672, 19h 22m 5s.

August	13	−26 2 36.46
	19	35.27

B. A. C. 6673, 19h 22m 18s.

July	23	+29 8 51.44
	28	51.76
	30	51.89

Hosted by Google

B. A. C. 6677, $19^h\ 22^m\ 42^s$.

1853.		° ′ ″
August	29	−28 31 22.90
	30	23.27

B. A. C. 6680, $19^h\ 22^m\ 56^s$.

August	20	−31 10 50.49
	22	49.38
	26	50.01

B. A. C. 6714, $19^h\ 28^m\ 54^s$.

July	6	+29 8 10.58
	8	9.91
	23	9.65
	28	10.51
September	7	10.52
	8	10.74

B. A. C. 6716, $19^h\ 29^m\ 33^s$.

August	13	−28 56 27.99
	19	27.00

B. A. C. 6728, $19^h\ 31^m\ 46^s$.

July	30	+43 22 20.89
August	9	22.20
	10	22.60
	11	22.15

B. A. C. 6738, $19^h\ 33^m\ 17^s$.

August	22	−25 12 15.59
	26	15.70

B. A. C. 6740, $19^h\ 33^m\ 27^s$.

July	6	+29 48 38.30
	8	37.69
	23	38.11
	28	39.03

B. A. C. 6744, $19^h\ 34^m\ 19^s$.

September	26	+17 7 55.07
October	8	54.87
	14	55.90

B. A. C. 6745, $19^h\ 34^m\ 34^s$.

September	27	+42 28 25.85
	29	25.30
October	6	25.38
	7	25.66

B. A. C. 6768, $19^h\ 38^m\ 30^s$.

September	16	−29 31 27.21
	17	27.06

B. A. C. 6769, $19^h\ 38^m\ 45^s$.

August	12	+41 24 57.64
	13	57.78
	19	57.20
	29	56.25

γ AQUILÆ, $19^h\ 39^m\ 8^s$.

September	26	+10 15. 4.72
	27	5.60

(*), $19^h\ 39^m\ 46^s$.

1853.		° ′ ″
September	5	−28 46 40.50
	8	41.24

B. A. C. 6777, $19^h\ 40^m\ 16^s$.

September	29	+34 38 59.80
October	6	59.58
	7	59.66

δ CYGNI, $19^h\ 40^m\ 17^s$.

October	8	+44 46 1.47
	14	1.91
	17	1.56

B. A. C. 6794, $19^h\ 42^m\ 19^s$.

July	30	+18 46 8.86
August	10	10.28
	11	9.37

α AQUILÆ, $19^h\ 43^m\ 28^s$.

January	27	+ 8 28 34.42
February	10	34.27

B. A. C. 6817, $19^h\ 45^m\ 28^s$.

July	6	+40 13 14.82
	8	14.13
	28	13.89

B. A. C. 6829, $19^h\ 47^m\ 23^s$.

August	30	−30 57 44.90
September	5	44.90
	6	44.94

B. A. C. 6831, $19^h\ 47^m\ 44^s$.

September	13	−23 27 25.43
	15	26.91

B. A. C. 6841, $19^h\ 49^m\ 29^s$.

August	20	−30 56 9.03
	22	6.29
	30	7.61
September	5	6.37
	6	7.40

B. A. C. 6851, $19^h\ 50^m\ 41^s$.

July	30	+34 41 15.67
August	6	15.90
	10	16.08
	11	15.21
September	26	14.92

B. A. C. 6854, $19^h\ 51^m\ 17^s$.

September	17	−28 59 29.26
	19	29.64

B. A. C. 6861, $19^h\ 52^m\ 16^s$.

August	12	+60 25 37.18
	13	36.70
	19	35.99
	29	36.42

B. A. C. 6868, $19^h\ 53^m\ 17^s$.

1853.		° ′ ″
September	27	+17 6 35.24
	29	34.79
October	6	35.32
	7	35.16

B. A. C. 6882, $19^h\ 55^m\ 23^s$.

July	6	+24 23 14.21
	8	14.00
	28	13.89

B. A. C. 6883, $19^h\ 55^m\ 40^s$.

July	30	+24 31 16.11
August	6	16.21
	10	16.75
	11	16.50

B. A. C. 6899, $19^h\ 58^m\ 4^s$.

August	30	−30 8 54.42
September	8	55.51

RUMKER 7943, $19^h\ 57^m\ 10^s$.

October	8	+16 17 27.35
	14	28.64

B. A. C. 6906, $19^h\ 59^m\ 58^s$.

September	5	−26 39 11.40
	13	11.51

B. A. C. 6908, $20^h\ 0^m\ 3^s$.

September	23	−28 52 15.07
	24	15.78

B. A. C. 6912, $20^h\ 0^m\ 26^s$.

August	12	+23 11 7.65
	13	6.19
	19	6.56
	29	5.90

B. A. C. 6932, $20^h\ 3^m\ 9^s$.

August	20	+61 33 39.80
	30	41.23
September	6	41.08

GR. C. 1805, $20^h\ 3^m\ 52^s$.

September	26	+36 24 1.66
	27	1.28
	29	1.58

B. A. C. 6941, $20^h\ 4^m\ 27^s$.

September	16	+20 41 27.87
	17	29.03

(*), $20^h\ 7^m\ 9^s$.

October	6	+16 16 32.63
	14	33.87

(*), $20^h\ 8^m\ 18^s$.

September	29	+16 17 42.88
October	6	41.91

GR. C. 1809, $20^h\ 8^m$.

1853.		° ′ ″
October	6	+16 17 39.78
	8	39.78
	17	39.98

GR. C. 1810, $20^h\ 8^m$.

October	7	+16 19 14.10
	8	14.07
	14	14.71
	17	13.81

O. ARG. N. 20223, $20^h\ 8^m\ 41^s$.

August	29	+48 44 11.08

B. A. C. 6973, $20^h\ 9^m\ 33^s$.

July	6	+27 21 24.64
	8	24.46
	28	25.14

B. A. C. 6977, $20^h\ 10^m\ 7^s$.

September	5	−30 5 14.46
	6	15.37

RUMKER 8156, $20^h\ 10^m\ 4^s$.

September	26	+16 18 24.11
	27	23.84
October	8	24.01

B. A. C. 6978, $20^h\ 10^m\ 14^s$.

July	30	+27 18 60.57
August	6	61.95
	10	61.25
	11	61.57
September	23	61.01
	24	59.87

B. A. C. 6982, $20^h\ 10^m\ 48^s$.

September	13	−25 41 15.17
	16	15.83
	19	15.28

B. A. C. 7011, $20^h\ 15^m\ 29^s$.

August	20	−29 33 19.32
	22	19.02

B. A. C. 7018, $20^h\ 16^m\ 15^s$.

August	30	−29 8 44.09
September	6	43.23

B. A. C. 7021, $20^h\ 16^m\ 45^s$.

September	8	−27 2 21.05
	10	20.09

B. A. C. 7029, $20^h\ 17^m\ 52^s$.

July	6	+31 42 30.26
	8	29.91
	28	30.32

O. ARG. S. 20521, $20^h\ 18^m$.

August	11	−23 30 15.28
	12	15.72
	13	16.36

Hosted by Google

B. A. C. 7040, 20h 19m 51s.

1853.		° ′ ″
September	24	−24 28 25.57
October	14	22.92
	17	24.43

B. A. C. 7057, 20h 21m 44s.

September	13	−29 36 38.20
	16	39.13
	19	38.61

B. A. C. 7073, 20h 23m 37s.

July	30	+35 57 23.12
August	6	23.76
	9	24.12

B. A. C. 7091, 20h 26m 41s.

August	20	+48 42 57.87
	29	57.80
	30	58.36

B. A. C. 7093, 20h 26m 51s.

September	6	−27 17 13.07
	8	12.14

B. A. C. 7108, 20h 28m 55s.

September	8	−25 37 37.96
	19	37.94

B. A. C. 7111, 20h 28m 57s.

September	24	−22 57 42.69
October	14	41.22

B. A. C. 7112, 20h 29m 0s.

August	6	+46 10 53.55
	10	53.24
	22	52.34

B. A. C. 7128, 20h 31m 12s.

September	13	−24 19 2.87
	16	2.39

B. A. C. 7146, 20h 32m 7s.

September	27	+15 18 50.21
	29	51.03
October	6	50.29

α Delphini, 20h 32m 40s.

October	7	+15 23 9.32
	8	9.95
	14	10.84

B. A. C. 7158, 20h 34m 4s.

October	17	+40 3 5.01
	19	5.05
	28	5.78

B. A. C. 7167, 20h 35m 23s.

August	9	+38 33 1.94
	29	0.06
	30	1.83

α Cygni, 20h 36m 19s.

1853.		° ′ ″
February	9	+44 44 47.11
	10	48.15
October	17	47.79
	19	47.25
	28	47.81

(*), 20h 36m 9s.

August	10	−21 25 47.39
	11	47.61

B. A. C. 7188, 20h 38m 23s.

August	6	+24 44 12.21
	20	13.10
	22	11.25

B. A. C. 7193, 20h 39m 27s.

September	5	+60 3 45.48
	6	44.72
	8	43.61

B. A. C. 7202, 20h 39m 53s.

September	10	−18 44 58.96
	15	60.97

B. A. C. 7210, 20h 41m 5s.

September	17	−27 55 8.50
	19	8.26

B. A. C. 7216, 20h 41m 40s.

September	13	−25 31 55.87
October	6	56.32
	7	56.64

B. A. C. 7219, 20h 42m 12s.

August	9	+45 1 51.40
	22	51.23
	29	49.68

B. A. C. 7222, 20h 42m 28s.

September	26	+ 7 18 34.36
	27	34.35
	29	35.05

B. A. C. 7224, 20h 42m 33s.

October	8	−28 33 9.04
	14	7.36

B. A. C. 7248, 20h 46m 13s.

August	30	−19 21 32.58
	31	33.09

B. A. C. 7254, 20h 48m 4s.

September	26	+44 36 55.66
	27	56.37
October	6	56.49
	19	55.39
	28	56.76

B. A. C. 7262, 20h 49m 2s.

September	5	+53 56 37.28
	6	36.60

B. A. C. 7274, 20h 51m 31s.

1853.		° ′ ″
September	10	+48 37 13.59
	17	14.30
	23	13.75
October	7	13.72

B. A. C. 7285, 20h 52m 41s.

September	8	+ 6 56 4.75
	15	4.02

B. A. C. 7290, 20h 52m 58s.

October	8	+43 53 22.06
	14	23.41

B. A. C. 7297, 20h 54m 11s.

August	11	+39 40 3.13
	12	2.51
	13	2.82
	20	1.42

61¹ Cygni, 21h 0m 10s.

August	11	+38 0 53.03
	12	52.75
	13	52.64
	20	51.87
	29	51.87
	30	52.43
	31	52.14
September	5	53.30
	6	52.45
	8	51.78
	10	51.96
	13	52.46
	15	51.82
	16	51.35
	23	52.18
	24	51.52
	26	51.95
	27	51.92
	29	51.40
October	6	52.29
	7	51.88
	8	52.73
	14	51.89
	15	52.44
	17	52.27
	19	51.86
	28	53.04
	31	52.89

61² Cygni, 21h 0m 11s.

September	27	+38 0 48.32
October	8	48.57
	15	47.83
	28	48.98
	31	48.40

B. A. C. 7366, 21h 5m 57s.

September	6	−26 31 41.59
	10	40.54

ζ Cygni, 21h 6m 33s.

August	11	+29 36 51.08
	12	50.75
	13	50.66

14 Aquarii, 21h 8m 27s.

1853.		° ′ ″
September	23	− 9 50 10.09
	24	11.42

B. A. C. 7383, 21h 8m 34s.

September	29	+40 31 35.40
October	6	35.79
	7	35.79

Weisse (2) XXI, 226, 21h 9m 30s.

September	26	+40 35 14.47
October	14	15.36
	28	15.73

B. A. C. 7401, 21h 12m 45s.

August	30	+55 10 10.90
	31	10.51
September	5	10.62

B. A. C. 7402, 21h 12m 52s.

October	17	+43 19 0.47
	19	0.62

α Cephei, 21h 15m 0s.

February	10	+61 57 4.53
March	2	4.97
August	20	4.44
	29	3.58
September	17	3.28
	19	4.55

B. A. C. 7417, 21h 15m 5s.

October	8	+57 59 25.63
	31	26.54

B. A. C. 7431, 21h 16m 48s.

August	11	+48 44 54.46
	12	54.42
	13	53.94

B. A. C. 7436, 21h 17m 10s.

September	6	−24 27 53.97
	13	54.63

B. A. C. 7450, 21h 19m 29s.

September	16	+18 43 40.89
	28	42.05

B. A. C. 7453, 21h 19m 39s.

August	30	+36 1 18.26
	31	18.13
September	5	19.13

Hosted by Google

β AQUARII, 21h 23m 39s.

1853.		° ′ ″
August	20	− 6 13 42.70
	29	42.64
September	10	41.55
	17	42.57
	19	43.68
	23	42.26
	24	42.97
	26	42.66
	27	42.88
	29	41.63
October	6	40.15
	14	40.11
	17	42.39
	19	40.17
	28	40.50
	31	41.75
November	25	40.54

B. A. C. 7503, 21h 28m 21s.

September	5	+44 55 50.00
	6	49.44
	8	51.19
	13	48.95

O. ARG. S. 21515, 21h 28m 59s.

October	8	−25 7 15.93
	14	14.51
	15	14.89

B. A. C. 7515, 21h 29m 52s.

September	15	− 1 3 37.30
	16	38.03

O. ARG. S. 21534, 21h 30m 24s.

September	23	−25 7 15.86
	24	17.26
October	8	17.22
	14	15.31
	15	17.03

B. A. C. 7521, 21h 30m 56s.

August	29	+39 44 29.92
	30	31.20
	31	30.27

B. A. C. 7528, 21h 32m 1s.

October	17	+19 35 26.56
	19	26.81

B. A. C. 7549, 21h 34m 48s.

September	19	−24 49 23.66
	25	23.19

B. A. C. 7558, 21h 36m 4s.

October	17	−16 39 16.31
November	14	15.69

B. A. C. 7559, 21h 36m 21s.

September	26	+40 23 39.13
October	12	38.24
	28	39.66
	31	39.24

B. A. C. 7565, 21h 37m 4s.

1853.		° ′ ″
October	8	+40 28 16.53
	14	16.98
	15	16.74

B. A. C. 7569, 21h 37m 26s.

September	10	+28 4 0.61
	13	0.99

B. A. C. 7584, 21h 39m 9s.

September	16	+24 53 38.32
	17	38.92

(*), 21 37m.

September	29	+40 21 50.98
October	6	51.88

B. A. C. 7590, 21h 39m 57s.

August	31	+16 30 10.70
September	6	11.30

B. A. C. 7610, 21h 44m 22s.

September	15	+69 27 21.25
	19	22.17

O. ARG. N. 22961, 21h 45m 33s.

September	17	+69 29 1.58

B. A. C. 7620, 21h 45m 35s.

October	19	−11 0 55.28
	28	54.67
November	14	54.92

B. A. C. 7631, 21h 47m 6s.

September	16	+55 5 36.42
	23	36.98

B. A. C. 7641, 21h 49m 38s.

September	26	+11 21 58.48
	29	58.95
October	6	59.06

B. A. C. 7644, 21h 50m 7s.

September	10	+71 46 58.24
	13	58.52

B. A. C. 7677, 21h 56m 23s.

September	23	+74 16 44.79
October	6	45.61

B. A. C. 7680, 21h 56m 45s.

September	16	− 5 33 52.64
	17	52.08

α AQUARII, 21h 58m 5s.

1853.		° ′ ″
August	31	− 1 2 47.81
September	5	46.87
	6	47.17
	8	46.72
	13	47.43
	19	47.40
	24	47.81
	26	47.12
October	8	47.51
	12	47.74
	15	46.31
November	14	47.38
	25	46.43

B. A. C. 7697, 21h 59m 19s.

October	17	−11 10 33.86
	19	33.28

B. A. C. 7752, 22h 6m 3s.

October	17	− 5 11 29.99
	19	28.69
	31	30.00
November	25	29.20

B. A. C. 7754, 22h 6m 24s.

September	16	+56 5 40.87
	17	41.69

B. A. C. 7759, 22h 7m 4s.

September	8	+60 1 6.57
	10	6.84

B. A. C. 7765, 22h 7m 27s.

August	30	+38 58 21.87
	31	21.73
September	5	22.44
	6	21.91

B. A. C. 7775, 22h 9m 7s.

September	23	+62 25 8.18
	24	8.35

B. A. C. 7796, 22h 14m 8s.

September	26	+11 27 3.98
October	6	3.68
	8	3.63

B. A. C. 7800, 22h 14m 50s.

August	30	+45 46 57.32
	31	57.14
September	5	58.13
	6	57.18

B. A. C. 7803, 22h 15m 39s.

October	17	+42 59 27.50
	19	28.11
	31	26.96

B. A. C. 7806, 22h 16m 25s.

September	15	−14 17 16.22
	16	17.23
	17	16.95

B. A. C. 7807, 22h 16m 27s.

1853.		° ′ ″
September	8	+20 5 30.06
	13	30.57

B. A. C. 7812, 22h 17m 28s.

September	24	+56 31 38.61
October	14	38.61

B. A. C. 7835, 22h 22m 0s.

October	19	−13 40 51.06
	29	52.53
	31	51.34

B. A. C. 7840, 22h 22m 42s.

November	1	−11 26 37.84
	2	38.24

B. A. C. 7846, 22h 23m 30s.

September	23	+53 28 45.04
October	14	45.07
November	14	46.35

B. A. C. 7858, 22h 25m 49s.

September	26	+39 0 34.12
October	6	35.27
	17	34.47

B. A. C. 7866, 22h 27m 21s.

September	6	−24 45 53.78
	8	52.69
	13	53.36
	24	53.38
October	8	54.17

B. A. C. 7879, 22h 29m 11s.

September	16	+38 51 13.04
	17	12.93

PIAZZI XXII, 169, 22h 29m.

December	12	+ 3 45 6.55

B. A. C. 7907, 22h 33m 58s.

September	19	+74 35 32.18
	23	31.25
October	15	32.03

ζ PEGASI, 22h 33m 59s.

November	1	+10 2 58.90
	2	59.24
	14	59.31
	25	59.17

WEISSE XXII, 772, 22 [illegible]6.

December	12	+ 3 5 19.23
	15	21.47

B. A. C. 7932, 22h 37m 25s.

September	6	+41 1 59.69
	8	58.64
	13	59.60

Hosted by Google

B. A. C. 7943, $22^h\ 39^m\ 12^s$.

1853.	° ′ ″
September 26	+11 24 16.43
October 6	17.52
8	17.33

B. A. C. 7948, $22^h\ 39^m\ 31^s$.

September 15	+43 45 23.52
16	23.74
17	23.22
November 4	22.64
5	23.60

B. A. C. 7950, $22^h\ 39^m\ 48^s$.

October 17	+45 25 38.02
19	38.57
31	39.09

B. A. C. 7953, $22^h\ 41^m\ 26^s$.

September 24	+57 41 34.44
October 14	34.52

B. A. C. 7960, $22^h\ 43^m\ 4^s$.

September 19	−30 19 47.21
23	47.58
October 15	46.15

B. A. C. 7978, $22^h\ 46^m\ 20^s$.

October 17	+39 22 17.65
19	17.68
31	17.57

B. A. C. 7983, $22^h\ 46^m\ 58^s$.

August 31	+43 57 8.90
September 6	9.05
8	7.92

B. A. C. 7994, $22^h\ 49^m\ 33^s$.

September 15	+40 48 15.79
16	15.83
17	15.80

RUMKER 10753, $22^h\ 49^m\ 15^s$.

September 26	+56 34 35.71
November 1	35.98

α PISCIS AUSTRALIS, $22^h\ 49^m\ 21^s$.

October 6	−30 24 57.64
November 2	58.92
4	57.46
5	58.30

B. A. C. 8016, $22^h\ 53^m\ 36^s$.

November 1	− 7 51 54.76
2	55.06

B. A. C. 8028, $22^h\ 55^m\ 42^s$.

September 8	+41 57 6.74
15	7.06
16	7.15

WEISSE XXII, 1221, $22^h\ 57^m\ 40^s$.

1853.	° ′ ″
September 13	− 7 58 16.24
26	16.54

B. A. C. 8054, $23^h\ 0^m\ 18^s$.

October 17	+58 36 36.22
19	35.91
31	35.42

B. A. C. 8056, $23^h\ 0^m\ 26^s$.

November 5	+45 15 28.93
14	30.39

B. A. C. 8076, $23^h\ 3^m\ 32^s$.

September 8	+42 44 20.86
15	21.60
16	21.68

B. A. C. 8079, $23^h\ 4^m\ 33^s$.

October 17	+26 2 16.48
19	17.27
31	16.18

B. A. C. 8091, $23^h\ 7^m\ 39^s$.

November 1	+27 15 18.95
2	18.63

B. A. C. 8094, $23^h\ 7^m\ 51^s$.

November 4	− 4 18 45.32
5	45.48

B. A. C. 8104, $23^h\ 9^m\ 17^s$.

November 14	+73 24 52.21
December 7	52.14

B. A. C. 8123, $23^h\ 12^m\ 28^s$.

September 26	− 4 44 6.35
October 6	5.96

B. A. C. 8158, $23^h\ 17^m\ 19^s$.

September 24	+56 42 45.94
October 6	46.11

B. A. C. 8173, $23^h\ 19^m\ 59^s$.

October 31	+69 51 36.33
November 2	36.91

B. A. C. 8184, $23^h\ 21^m\ 47^s$.

November 5	− 5 20 55.08
December 7	54.86

WEISSE XXIII, 463, $23^h\ 23^m\ 4^s$.

September 8	−10 58 57.62
November 1	55.47

B. A. C. 8187, $23^h\ 23^m\ 7^s$.

October 15	+74 23 58.02
November 14	57.78

B. A. C. 8204, $23^h\ 26^m\ 9^s$.

1853.	° ′ ″
October 31	+71 10 27.36
November 2	27.43

B. A. C. 8217, $23^h\ 28^m\ 30^s$.

September 26	+70 48 48.67
October 8	49.67

B. A. C. 8223, $23^h\ 30^m\ 13^s$.

September 19	+43 35 59.29
23	58.47

ι PISCIUM, $23^h\ 32^m\ 14^s$.

November 5	+ 4 48 50.14
26	49.38
December 7	50.64

B. A. C. 8246, $23^h\ 34^m\ 57^s$.

October 17	−15 22 26.81
19	26.30

B. A. C. 8247, $23^h\ 34^m\ 57^s$.

November 1	+17 50 9.34
2	9.62
4	9.27

B. A. C. 8252, $23^h\ 35^m\ 48^s$.

September 24	+52 19 13.78
26	14.33

B. A. C. 8269, $23^h\ 40^m\ 5^s$.

November 5	+ 3 23 49.27
14	49.71

B. A. C. 8280, $23^h\ 41^m\ 34^s$.

October 8	+59 8 42.38
15	42.21

B. A. C. 8284, $23^h\ 42^m\ 4^s$.

September 15	+28 0 26.83
19	27.63
23	26.97

B. A. C. 8287, $23^h\ 42^m\ 48^s$.

November 1	−21 3 58.69
2	58.80
4	57.37
26	58.57

B. A. C. 8310, $23^h\ 46^m\ 54^s$.

September 15	+56 39 54.45
23	53.11
24	53.69

B. A. C. 8315, $23^h\ 47^m\ 58^s$.

October 17	+ 7 23 19.78
19	20.33

B. A. C. 8317, $23^h\ 48^m\ 4^s$.

1853.	° ′ ″
September 19	+56 34 39.77
November 14	40.34

B. A. C. 8324, $23^h\ 50^m\ 8^s$.

September 26	+24 18 26.41
October 6	27.77
8	27.71

B. A. C. 8336, $23^h\ 52^m\ 34^s$.

November 4	+85 52 16.20
5	18.27
26	18.16

B. A. C. 8338, $23^h\ 53\ 7^s$.

November 1	+61 20 33.62
2	34.05

B. A. C. 8344, $23^h\ 53^m\ 59^s$.

September 15	+60 23 15.39
23	14.04
24	14.24

B. A. C. 8355, $23^h\ 54^m\ 57^s$.

October 15	+65 15 49.63
November 14	51.16

B. A. C. 8360, $23^h\ 56^m\ 38^s$.

October 17	−17 21 42.43
19	43.28

B. A. C. 8372, $23^h\ 58^m\ 25^s$.

November 30	+57 36 2.25

ι PISCIUM, $23^h\ 32^m\ 14^s$.

1854.	
September 21	+ 4 48 50.21
29	49.55
30	49.62
October 6	49.38
17	49.98
23	49.35
25	50.30
November 28	49.71

γ CEPHEI, $23^h\ 33^m\ 14^s$.

October 7	+76 47 42.27
November 9	42.28
December 1	41.81

SANTINI 1649, $23^h\ 34^m\ 17^s$.

October 24	+ 6 25 14.44
November 23	13.65

WEISSE XXIII, 803, $23^h\ 39^m\ 22^s$.

October 11	+ 4 25 2.62
19	3.19

Hosted by Google

WEISSE XXIII, 817, $23^h\ 40^m\ 0^s$.

1854.	° ′ ″
October 5	− 1 35 39.58
9	41.22
23	40.89

WEISSE XXIII, 830, $23^h\ 40^m\ 30^s$.

November 8	− 1 36 27.65
9	27.62

B. A. C. 8272, $23^h\ 40^m\ 33^s$.

November 23	+ 7 24 47.18
28	48.50
December 20	46.85

LALANDE 46632, $23^h\ 40^m\ 39^s$.

September 28	+ 7 21 18.76

WEISSE XXIII, 934, $23^h\ 45^h\ 32^s$.

October 25	+ 4 19 24.56
December 1	24.36

(*), 59 W., $23^h\ 47^m\ 11^s$.

October 7	− 1 6 54.55
17	52.92

SANTINI 1664, $23^h\ 47^m\ 58^s$.

October 5	+ 7 23 20.56
9	18.22
November 28	19.96

WEISSE XXIII, 994, $23^h\ 48^m\ 36^s$.

October 11	+ 3 47 34.33
21	33.45

WEISSE XXIII, 1006, $23^h\ 49^m\ 6^s$.

November 8	+ 3 53 24.29
9	23 33

WEISSE XXIII, 1032, $23^h\ 50^m\ 7^s$.

November 23	+ 4 34 11.18

B. A. C. 8327, $23^h\ 50^m\ 38^s$.

September 28	−16 40 56.61
December 12	56.00

WEISSE XXIII, 1058, $23^h\ 51^m\ 59^s$.

November 9	+ 3 53 19.58
December 20	21.00

WEISSE XXIII, 1110, $23^h\ 53^m\ 54^s$.

October 19	+ 4 13 12.01
25	11.35

B. A. C. 8353, $23^h\ 54^m\ 43^s$.

November 27	+ 8 7 19.00

WEISSE XXIII, 1142, $23^h\ 55^m\ 4^s$.

November 8	+ 5 11 59.17
December 1	59.33

WEISSE XXIII, 1178, $23^h\ 57^m\ 1^s$.

1854.	° ′ ″
October 7	+ 5 41 21.70
9	21.35

WEISSE XXIII, 1180, $23^h\ 57^m\ 9^s$.

October 11	+ 5 34 54.67
17	56.00

B. A. C. 8370, $23^h\ 58^m\ 0^s$.

September 28	+12 33 40.49
December 12	40.62

WEISSE XXIII, 1205, $23^h\ 58^m\ 26^s$.

October 21	− 0 42 47.45
23	47.55

WEISSE XXIII, 1222, $23^h\ 59^m\ 23^s$.

November 9	+ 6 2 28.05
23	28.70

α ANDROMEDÆ, $0^h\ 0^m\ 39^s$.

October 5	+28 15 44.21

WEISSE XXIII, 1251, $0^h\ 0^m\ 43^s$.

November 27	+ 5 46 54.93
December 1	54.27

SANTINI O, 8, $0^h\ 4^m\ 6^s$.

December 12	+ 8 18 21.61

WEISSE O, 83, $0^h\ 5^m\ 5^s$.

November 23	+ 5 20 31.42
December 11	32.76

γ PEGASI, $0^h\ 5^m\ 31^s$.

September 28	+14 20 57.42
October 11	57.68
23	57.67
25	57.92
November 8	56.94

WEISSE O, 192, $0^h\ 11^m\ 24^s$.

December 1	+ 6 26 55.24

B. A. C. 66, $0^h\ 12^m\ 53^s$.

November 28	+ 7 21 24.97
December 12	24.34

WEISSE O, 229, $0^h\ 13^m\ 16^s$.

November 27	+11 56 19.85
December 11	20.29

B. A. C. 72, $0^h\ 13^m\ 59^s$.

October 25	−29 48 40.01
November 8	41.43
9	41.89

B. A. C. 75, $0^h\ 15^m\ 10^s$.

1854.	° ′ ″
September 28	−13 2 40.45
October 11	40.72
21	40.27

O. ARG. S. 163, $0^h\ 16^m\ 48^s$.

November 9	−29 48 47.19
December 12	46.10

B. A. C. 96, $0^h\ 19^m\ 26^s$.

October 23	− 5 50 0.45
November 8	1.32
30	1.05

B. A. C. 113, $0^h\ 22^m\ 26^s$.

October 21	+ 4 1 47.47
25	46.73

B. A. C. 129, $0^h\ 24^m\ 40^s$.

November 9	+ 6 7 34.42
23	33.90
27	34.76
28	36.10
December 14	34.46

B. A. C. 130, $0^h\ 24^m\ 44^s$.

September 28	+19 28 3.27
October 9	1.88
11	3.38

WEISSE O, 436, $0^h\ 25^m\ 43^s$.

December 1	+ 8 56 33.18
11	33.16

B. A. C. 137, $0^h\ 26^m\ 25^s$.

December 12	+ 9 28 40.70
20	39.83

B. A. C. 147, $0^h\ 27^m\ 51^s$.

December 30	− 1 19 47.97

WEISSE O, 491, $0^h\ 28^m\ 39^s$.

November 23	+ 8 2 53.68
27	54.11

WEISSE O, 572, $0^h\ 33^m\ 15^s$.

October 21	+ 6 26 29.39
23	28.91

α CASSIOPEÆ, $0^h\ 32^m\ 2^s$.

September 28	+55 42 50.58
October 9	49.16
11	51.36
25	50.06
November 8	49.75

B. A. C. 177, $0^h\ 33^m\ 27^s$.

November 28	+ 8 32 6.35
December 1	6.81
14	6.40

β CETI, $0^h\ 36^m\ 3^s$.

1854.	° ′ ″
November 9	−18 48 39.24

WEISSE O, 635, $0^h\ 36^m\ 34^s$.

December 12	+ 6 57 3.34
30	3.90

WEISSE O, 647, $0^h\ 37^m\ 21^s$.

November 23	+ 4 21 34.77
27	35.84

WEISSE O, 657, $0^h\ 37^m\ 55^s$.

November 28	+ 7 1 24.71
December 30	23.55

WEISSE O, 711, $0^h\ 40^m\ 38^s$.

December 20	+ 3 19 24.61

WEISSE O, 712, $0^h\ 40^m\ 41^s$.

December 1	− 1 18 28.57
11	26.86

WEISSE O, 732, $0^h\ 42^m\ 15^s$.

December 14	− 1 2 32.81

B. A. C. 233, $0^h\ 42^m\ 37^s$.

September 28	−11 27 10.58
October 9	11.23
11	10.47

B. A. C. 237, $0^h\ 43^m\ 35^s$.

November 8	+ 2 34 12.45
9	13.02

B. A. C. 242, $0^h\ 45^m\ 21^s$.

November 23	− 1 57 35.15
27	34.99

WEISSE O, 806, $0^h\ 45^m\ 57^s$.

December 20	+ 1 5 41.23

B. A. C. 244, $0^h\ 46^m\ 8^s$.

October 21	+58 9.33.05
25	33.69
November 8	34.38

WEISSE O, 815, $0^h\ 46^m\ 34^s$.

November 28	− 2 19 0.58
December 1	2.52

B. A. C. 271, $0^h\ 51^m\ 13^s$.

September 28	−12 11 25.93
October 9	27.24
11	26.10

Hosted by Google

WEISSE O, 893, $0^h\ 51^m\ 19^s$.

1854.	° ′ ″
December 30	+ 1 50 54.78

WEISSE O, 908, $0^h\ 51^m\ 56^s$.

November 27	− 2 8 12.77
December 12	13.36

WEISSE O, 918, $0^h\ 52^m\ 23^s$.

December 30	+ 1 49 23.61

WEISSE O, 965, $0^h\ 54^m\ 53^s$.

October 21	+ 8 19 33.26
23	33.08
November 23	33.10
December 14	34.02

WEISSE O, 1033, $0^h\ 58^m\ 35^s$.

November 8	− 1 4 11.06
9	11.00
December 12	10.63

LAMONT 187, $1^h\ 3^m\ 17^s$.

November 27	− 1 47 31.31
December 12	32.11

POLARIS, $1^h\ 5^m\ 1^s$.

September 28	+88 30 33.16
October 9	33.33
25	33.01
November 9	34.54

POLARIS, S. P., $1^h\ 5^m\ 1^s$.

April 24	+88 30 34.98
May 1	35.89
4	35.35
5	35.81
8	35.74
20	36.76
22	36.10
June 1	35.95
5	35.65

WEISSE I, 100, $1^h\ 7^m\ 0^s$.

November 28	+ 8 56 47.18
December 1	46.19

B. A. C. 374, $1^h\ 7^m\ 10^s$.

October 21	− 1 46 39.20
23	38.81
November 8	38.89
23	39.09
27	38.82

WEISSE I, 113, $1^h\ 7^m\ 56^s$.

December 11	+ 8 59 20.72
20	20.39

B. A. C. 389, $1^h\ 10^m\ 11^s$.

October 11	− 8 27 10.33
December 14	11.05

B. A. C. 400, $1^h\ 12^m\ 8^s$.

1854.	° ′ ″
December 1	− 1 17 53.56
20	53.31

WEISSE I, 202, $1^h\ 12^m\ 58^s$.

December 22	− 4 2 9.11
30	8.17

WEISSE I, 206, $1^h\ 13^m\ 14^s$.

October 23	− 2 5 55.77
25	55.73

θ^1 CETI, $1^h\ 16^m\ 32^s$.

September 28	− 8 57 31.72
October 9	32.16
November 9	32.40
23	32.71
December 12	31.86

WEISSE I, 280, $1^h\ 17^m\ 13^s$.

October 21	− 3 37 50.24
November 8	51.82
27	51.37
28	49.97

WEISSE I, 299, $1^h\ 18^m\ 4^s$.

December 11	+ 9 37 29.63
22	28.92

WEISSE I, 336, $1^h\ 19^m\ 53^s$.

December 1	+ 7 59 59.14

WEISSE I, 382, $1^h\ 22^m\ 23^s$.

November 23	+10 18 50.48
28	50.83

WEISSE I, 410, $1^h\ 23^m\ 59^s$.

December 20	+ 9 12 51.67
30	52.40

B. A. C. 460, $1^h\ 24^m\ 47^s$.

September 28	−31 3 17.31
October 9	16.10

WEISSE I, 432, $1^h\ 25^m\ 5^s$.

October 25	− 2 25 33.57
November 8	33.42
9	33.71

WEISSE I, 441, $1^h\ 25^m\ 31^s$.

November 27	− 2 33 48.09
December 12	47.43

WEISSE I, 450, $1^h\ 26^m\ 0^s$.

October 11	− 2 38 14.42
21	13.46

WEISSE I, 497, $1^h\ 28^m\ 41^s$.

1854.	° ′ ″
December 1	+ 3 1 4.77
11	6.00

π PISCIUM, $1^h\ 29^m\ 7^s$.

December 22	+11 22 21.01
30	21.47

WEISSE I, 562, $1^h\ 31^m\ 58^s$.

November 23	+ 2 41 30.66
December 20	31.19

WEISSE I, 582, $1^h\ 32^m\ 49^s$.

November 9	− 2 21 48.91
December 12	48.53

WEISSE I, 646, $1^h\ 35^m\ 13^s$.

November 28	+12 11 53.25
December 30	53.81

(*), $1^h\ 35^m\ 4^s$.

November 8	+ 4 58 37.98

WEISSE I, 655, $1^h\ 35^m\ 49^s$.

November 8	+ 4 59 16.36

WEISSE I, 675, $1^h\ 36^m\ 37^s$.

December 1	+ 1 51 36.57
22	38.51

LALANDE 3237, $1^h\ 38^m\ 12^s$.

September 28	− 1 40 46.32
October 9	46.35
11	46.22
25	46.99

WEISSE I, 732, $1^h\ 40^m\ 33^s$.

December 12	+13 18 52.86

B. A. C. 551, $1^h\ 40^m\ 40^s$.

December 11	+ 2 56 6.51
14	5.06

WEISSE I, 767, $1^h\ 42^m\ 52^s$.

November 27	+10 17 54.43
28	55.60

WEISSE I, 773, $1^h\ 43^m\ 1^s$.

September 28	− 2 48 29.70
October 9	30.30
11	28.80
November 23	30.56

WEISSE I, 790, $1^h\ 44^m\ 1^s$.

December 1	− 3 22 53.40
30	52.32

WEISSE I, 808, $1^h\ 44^m\ 58^s$.

1854.	° ′ ″
September 28	− 2 46 (12.65)
October 9	16.08
November 8	15.90

WEISSE I, 821, $1^h\ 45^m\ 37^s$.

October 21	− 2 54 42.40
25	42.60
November 9	43.69

WEISSE I, 847, $1^h\ 47^m\ 1^s$.

December 14	+ 2 39 14.16

WEISSE I, 855, $1^h\ 47^m\ 36^s$.

December 12	+11 50 8.43

B. A. C. 598, $1^h\ 50^m\ 22^s$.

December 11	− 2 47 35.54
30	36.05

WEISSE I, 896, $1^h\ 50^m\ 28^s$.

November 27	+15 11 49.57
28	49.45

WEISSE I, 973, $1^h\ 54^m\ 29^s$.

December 14	+12 45 3.59
30	4.02

WEISSE I, 984, $1^h\ 54^m\ 54^s$.

December 12	+ 3 7 18.09

WEISSE (2) I, 1411, $1^h\ 58^m\ 25$.

November 27	+16 21 57.89
28	57.88

α ARIETIS, $1^h\ 58^m\ 44^s$.

October 9	+22 45 3.31
December 11	2.25
20	1.94

WEISSE II, 7, $2^h\ 1^m\ 50^s$.

December 22	+ 3 31 11.88
30	12.68

O. ARG. N. 2443, $2^h\ 2^m\ 11^s$.

December 12	+48 53 16.82

O. ARG. N. 2511, $2^h\ 4^m\ 43^s$.

December 14	+53 49 37.33

WEISSE II, 102, $2^h\ 7^m\ 8^s$.

November 27	+ 4 10 3.42
December 11	4.29

LALANDE 4238, $2^h\ 9^m\ 28^s$.

December 22	+17 45 24.32
30	25.07

Hosted by Google

WEISSE II, 143, $2^h\ 9^m\ 52^s$.

1854.	° ′ ″
November 23	+13 46 15.12

WEISSE II, 158, $2^h\ 10^m\ 45^s$.

November 28	+ 7 29 8.09
December 1	7.50

WEISSE II, 235, $2^h\ 14^m\ 58^s$.

December 11	+ 7 51 33.85
14	33.70

B. A. C. 741, $2^h\ 16^m\ 30^s$.

November 27	+ 9 1 58.77

LALANDE 4460, $2^h\ 16^m\ 17^s$.

November 23	+18 52 26.18
December 22	26.34

WEISSE II, 278, $2^h\ 17^m\ 13^s$.

December 14	+ 7 52 10.30

WEISSE II, 305, $2^h\ 18^m\ 41^s$.

December 1	+ 9 53 14.67

B. A. C. 771, $2^h\ 22^m\ 36^s$.

November 28	+17 2 15.19
December 11	15.16
30	15.96

RUMKER 654, $2^h\ 25^m\ 4^s$.

November 23	+19 46 28.12
27	28.12
December 12	28.22

B. A. C. 789, $2^h\ 27^m\ 8^s$.

December 1	+ 6 48 55.34
14	56.47
22	56.21

B. A. C. 807, $2^h\ 30^m\ 9^s$.

January 4	− 4 2 53.02

WEISSE II, 569, $2^h\ 32^m\ 58^s$.

November 23	+15 23 38.12
December 11	38.56

γ CETI, $2^h\ 35^m\ 32^s$.

January 4	+ 2 36 3.62
27	3.17
November 27	3.57
28	3.10
December 1	2.81
12	3.57
22	3.96
30	3.70

(* 68) W., $2^h\ 48^m$.

January 4	+14 45 17.09

WEISSE II, 742, $2^h\ 42^m\ 58^s$.

1854.	° ′ ″
December 12	− 7 25 45.28
14	45.70

WEISSE II, 741, $2^h\ 43^m\ 0^s$.

November 23	− 7 23 24.49
December 11	23.25

WEISSE II, 790, $2^h\ 45^m\ 41^s$.

December 22	+ 8 43 13.78
30	14.50

B. A. C. 905, $2^h\ 48^m\ 13^s$.

November 28	+ 7 46 29.36
December 30	30.41

WEISSE II, 880, $2^h\ 50^m\ 17^s$.

December 11	+ 9 35 58.46
14	58.36

WEISSE II, 893, $2^h\ 51^m\ 10^s$.

November 23	+ 9 36 27.34
December 22	28.22

RUMKER, 767, $2^h\ 52^m\ 44^s$.

December 14	+ 9 38 44.14

α CETI, $2^h\ 54^m\ 27^s$.

November 28	+ 3 29 52.81
December 12	53.29

RUMKER 755, $2^h\ 49^m\ 56^s$.

January 27	+15 23 19.45
February 3	20.82

WEISSE II, 1037, $2^h\ 58^m\ 20^s$.

November 23	+14 11 24.93

B. A. C. 975, $3^h\ 0^m\ 37^s$.

December 22	+ 7 53 21.00
30	22.28

WEISSE (2) III, 45, $3^h\ 2^m\ 38^s$.

December 14	+16 43 51.67

WEISSE III, 114, $3^h\ 6^m\ 44^s$.

December 11	+11 52 15.57

LALANDE 6167, $3^h\ 12^m\ 28^s$.

December 14	+ 8 29 21.96
30	23.66

α PERSEI, $3^h\ 13^m\ 38^s$.

January 3	+49 19 21.85
4	22.58
November 23	20.36

64 ARIETIS, $3^h\ 15^m\ 27^s$.

1854.	° ′ ″
December 11	+24 11 19.92

RUMKER 870, $3^h\ 21^m\ 14^s$.

December 14	+18 13 8.43

B. A. C. 1105, $3^h\ 27^m\ 52^s$.

January 3	+42 5 2.21
4	3.26

B. A. C 1110, $3^h\ 29^m\ 6^s$.

January 27	+ 0 5 41.05
February 3	40.79

WEISSE (2) III, 639, $3^h\ 29^m\ 34^s$.

December 14	+18 51 49.70

WEISSE (2) III, 721, $3^h\ 32^m\ 51^s$.

December 14	+18 54 3.62

η TAURI, $3^h\ 38^m\ 35^s$.

January 3	+23 38 13.69
4	14.95
December 11	14.28
14	12.35
21	14.45

WEISSE (2) III, 887, $3^h\ 39^m\ 29^s$.

January 23	+16 29 43.66
27	43.77
February 3	44.65

RUMKER 1023, $3^h\ 45^m\ 55^s$.

January 23	+16 10 31.61
27	31.52
February 3	31.98
December 22	31.41

WEISSE (2) III, 1030, $3^h\ 47^m\ 1^s$.

December 21	+35 33 40.32

γ^1 ERIDANI, $3^h\ 51^m\ 2^s$.

January 3	−13 56 19.69
4	18.78
February 3	18.01
December 22	18.93

WEISSE (2) III, 1212, $3^h\ 56^m\ 10^s$.

December 21	+20 26 33.64

B. A. C. 1272, $3^h\ 59^m\ 24^s$.

January 4	+16 56 6.44
February 3	4.03

B. A. C. 1307, $4^h\ 7^m\ 58^s$.

January 3	+49 40 39.04
4	40.05

B. A. C. 1314, $4^h\ 8^m\ 51^s$.

1854.	° ′ ″
January 27	+50 33 1.70
February 2	0.99
3	1.23

B. A. C. 1334, $4^h\ 12^m\ 14^s$.

January 27	−23 20 24.36
February 2	24.46

B. A. C. 1374, $4^h\ 19^m\ 26^s$.

January 3	−35 5 57.24
4	57.98

LALANDE 8479, $4^h\ 21^m\ 49^s$.

December 21	−11 23 26.11

B. A. C. 1415, $4^h\ 26^m\ 36^s$.

January 4	+56 19 43.08
27	43.14

B. A. C. 1427, $4^h\ 28^m\ 32^s$.

February 4	− 3 55 23.35

B. A. C. 1463, $4^h\ 36^m\ 39^s$.

January 3	+23 20 49.60
4	50.28
February 2	49.11
4	50.56

WEISSE IV, 806, $4^h\ 36^m\ 53^s$.

December 21	+ 2 55 31.49

B. A. C. 1485, $4^h\ 41^m\ 9^s$.

February 6	+15 38 17.33
March 1	16.46

WEISSE (2) IV, 1098, $4^h\ 48^m\ 30^s$.

December 21	+29 53 11.66

B. A. C. 1518, $4^h\ 47^m\ 8^s$.

February 2	+24 20 50.78

B. A. C. 1531, $4^h\ 49^m\ 22^s$.

January 3	−25 58 16.69
4	15.86
23	12.44

B. A. C. 1555, $4^h\ 55^m\ 25^s$.

February 2	+21 3 44.17
4	44.92
6	45.09

B. A. C. 1540, $4^h\ 51^m\ 13^s$.

February 4	+43 35 41.65
6	41.84
21	43.41
March 1	42.44

Hosted by Google

B. A. C. 1561, $4^h\ 56^m\ 35^s$.

1854.		° ′ ″
January	4	−39 56 22.53
	23	21.76

B. A. C. 1582, $4^h\ 59^m\ 33^s$.

February	21	+46 46 12.65
March	1	12.71

B. A. C. 1609, $5^h\ 5^m\ 21^s$.

February	2	+46 14 19.88
	4	19.76
	6	19.87

α AURIGÆ, $5^h\ 5^m\ 37^s$.

January	3	+45 50 20.81
	4	21.03
	23	21.08
	27	21.30

B. A. C. 1637, $5^h\ 10^m\ 16^s$.

February	2	+21 56 8.94
	4	9.88
	21	10.09

β TAURI, $5^h\ 16^m\ 49^s$.

January	3	+28 28 29.89
	4	29.89
	27	31.00

B. A. C. 1711, $5^h\ 21^m\ 20^s$.

February	2	+20 25 40.58
	4	40.90
	21	41.61

δ ORIONIS, $5^h\ 24^m\ 21^s$.

January	27	− 0 24 51.49

B. A. C. 1736, $5^h\ 24^m\ 56^s$.

February	21	+47 36 32.92
	27	33.34
March	1	32.92

α LEPORIS, $5^h\ 26^m\ 7^s$.

January	4	−17 56 1.66

ε ORIONIS, $5^h\ 28^m\ 36^s$.

January	28	− 1 18 7.96

B. A. C. 1769, $5^h\ 29^m\ 11^s$.

February	2	+53 24 44.40
	4	44.30
	27	43.77

α COLUMBÆ, $5^h\ 34^m\ 13^s$.

January	4	−34 9 28.22
	23	25.54
	28	25.67
March	1	27.64

B. A. C. 1827, $5^h\ 38^m\ 41^s$.

1854.		° ′ ″
February	2	+14 25 40.01
	4	40.08
	6	41.21
	21	41.00

B. A. C. 1867, $5^h\ 44^m\ 24^s$.

February	27	+20 15 31.21
March	1	31.76

B. A. C. 1876, $5^h\ 45^m\ 30^s$.

February	6	+20 14 35.08
	21	35.00
	27	34.86
March	1	34.03

α ORIONIS, $5^h\ 47^m\ 3^s$.

January	4	+ 7 22 28.02
	23	29.30

B. A. C. 1902, $5^h\ 49^m\ 36^s$.

February	2	+47 53 9.62
	27	7.82
March	1	8.48

B. A. C. 1930, $5^h\ 54^m\ 13^s$.

January	28	+17 39 39.02

B. A. C. 1942, $5^h\ 56^m\ 14^s$.

February	2	+38 29 23.21
	6	24.58
	21	23.62
	27	23.58

B. A. C. 1994, $6^h\ 4^m\ 33^s$.

January	28	− 6 31 12.54
March	1	13.10

B. A. C. 2001, $6^h\ 5^m\ 49^s$.

January	31	+29 32 52.31
February	2	49.73
	6	50.55
	21	50.92

B. A. C. 2038, $6^h\ 12^m\ 16^s$.

February	4	+21 11 35.46
March	1	35.74

B. A. C. 2039, $6^h\ 12^m\ 24^s$.

February	2	+21 15 41.66
	6	41.43
	27	42.10

μ GEMINORUM, $6^h\ 13^m\ 53^s$.

January	4	+22 35 9.03
	23	9.34
February	21	7.26

B. A. C. 2081, $6^h\ 18^m\ 50^s$.

1854.		° ′ ″
January	31	+46 46 28.96
February	2	27.58
	4	27.65
	6	28.29

B. A. C. 2155, $6^h\ 28^m\ 16^s$.

February	21	+39 31 0.39
	27	0.28

51 CEPHEI, $6^h\ 28^m\ 33^s$.

January	4	+87 15 22.95
	23	22.49
	31	23.39
February	2	22.89
	4	22.03
	6	21.63

51 CEPHEI, S. P., $6^h\ 28^m\ 33^s$.

July	1	+87 15 23.47
	11	23.41
	12	24.40

B. A. C. 2170, $6^h\ 30^m\ 5^s$.

March	1	+28 23 24.16
	8	23.52

(*), S. P., $6^h\ 24^m\ 49^s$.

June	30	+61 8 34.88
July	14	32.83
	15	32.89

B. A. C. 2197, $6^h\ 35^m\ 16^s$.

February	21	+29 7 1.35
	27	0.81
March	1	0.89

α CANIS MAJORIS, $6^h\ 38^m\ 32^s$.

March	8	−16 30 50.94

B. A. C. 2235, $6^h\ 42^m\ 42^s$.

February	4	+39 2 31.65
	6	31.45
	27	31.37

B. C. A. 2261, $6^h\ 46^m\ 40^s$.

February	6	+45 16 57.94
	21	57.14
March	1	56.59
	8	56.97

O. ARG. N. 7442, S. P., $6^h\ 49^m\ 52^s$.

June	30	+60 48 35.53

ε CANIS MAJORIS, $6^h\ 52^m\ 44^s$.

March	1	−28 46 16.29

B. A. C. 2313, $6^h\ 56^m\ 16^s$.

1854.		° ′ ″
February	4	+22 51 24.63
	6	24.57
	21	24.59
	27	24.34

RUMKER 2086, S. P., $6^h\ 56^m\ 17^s$.

June	30	+60 58 18.92

B. A. C. 2341, $7^h\ 1^m\ 41^s$.

February	21	+51 40 14.26
	27	14.86
March	1	14.48

B. A. C. 2362, $7^h\ 4^m\ 45^s$.

January	31	+16 24 31.45
February	4	31.20
	6	31.37
March	4	30.95

δ GEMINORUM, $7^h\ 11^m\ 10^s$.

January	31	+22 15 13.70
February	2	11.92
	4	12.16
	6	11.60

B. A. C. 2432, $7^h\ 14^m\ 22^s$.

February	21	+18 33 23.89
	27	23.88

B. A. C. 2441, $7^h\ 15^m\ 23^s$.

March	1	+49 30 10.58
	4	9.55
	8	10.26

B. A. C. 2459, $7^h\ 18^m\ 31^s$.

January	31	+49 58 (35.38)
February	2	33.58
	4	33.36
March	4	32.86

a^2 GEMINORUM, $7^h\ 25^m\ 1^s$.

January	31	+32 12 44.05
February	6	43.55
March	8	41.75

B. A. C. 2519, $7^h\ 30^m\ 49^s$.

February	4	+18 0 42.15
	6	41.64
	27	41.19

α CANIS MINORIS, $7^h\ 31^m\ 27^s$.

March	4	+ 5 36 19.23
	8	18.01

β GEMINORUM, $7^h\ 36^m\ 8^s$.

January	31	+28 23 1.95

Hosted by Google

B. A. C. 2564, $7^h\ 58^m\ 1^s$.

1854.		° ′ ″
February	27	+11 7 45.07
March	1	45.00
	4	44.93

B. A. C. 2616, $7^h\ 44^m\ 16^s$.

January	31	+56 53 34.26
February	4	33.44
	27	31.41

B. A. C. 2622, $7^h\ 44^m\ 50^s$.

March	8	−13 30 14.48

B. A. C. 2650, $7^h\ 50^m\ 21^s$.

February	4	+57 40 57.29
March	1	57.16
	4	57.66

B. A. C. 2679, $7^h\ 55^m\ 3^s$.

January	31	+10 21 30.45
February	27	29.18
March	1	29.69

ρ Argus, $8^h\ 1^m\ 9^s$.

January	31	−23 52 30.77
February	6	29.32
March	8	31.59

B. A. C. 2732, $8^h\ 1^m\ 51^s$.

February	27	+56 53 44.94
March	1	44.61
	4	44.80

B. A. C. 2806, $8^h\ 11^m\ 43^s$.

January	31	+11 6 42.97
February	6	42.17
	27	41.66

B. A. C. 2836, $8^h\ 20^m\ 15^s$.

January	31	+14 42 13.33
February	6	12.64
March	4	12.20

Weisse VIII, 618, $8^h\ 23^m\ 54^s$.

February	24	+13 18 21.10
	27	20.52

B. A. C. 2892, $8^h\ 28^m\ 9^s$.

January	31	+53 13 56.03
March	4	55.54
	8	55.04

Weisse VIII, 736, $8^h\ 28^m\ 15^s$.

February	24	+12 22 15.85
	27	16.12

ε Hydræ, $8^h\ 38^m\ 50^s$.

January	31	+ 6 57 56.24
February	24	56.56
	27	55.99
April	21	55.16

B. A. C. 2991, $8^h\ 42^m\ 12^s$.

1854.		° ′ ″
March	4	+19 23 16.14
	8	(19.49)
April	13	15.48
	18	15.57

ι Ursæ Majoris, $8^h\ 48^m\ 55^s$.

April	13	+48 37 34.32
	18	34.34
	21	35.23

B. A. C. 3074, $8^h\ 53^m\ 18^s$.

March	4	+17 39 56.52
April	18	56.30

B. A. C. 3091, $8^h\ 55^m\ 54^s$.

March	4	+50 12 18.30
April	13	17.74
	21	17.78

B. A. C. 3138, $9^h\ 5^m\ 3^s$.

February	24	+21 53 52.05
March	4	52.39
April	18	51.99

B. A. C. 3218, $9^h\ 18^m\ 49^s$.

February	24	+46 15 20.27
March	4	20.38
April	18	19.21

α Hydræ, $9^h\ 20^m\ 13^s$.

April	21	− 8 0 40.42

B. A. C. 3252, $9^h\ 24^m\ 17^s$.

February	24	+37 8 54.43
March	4	54.58
April	13	53.81

B. A. C. 3294, $9^h\ 30^m\ 35^s$.

April	21	+26 2 23.70

B. A. C. 3314, $9^h\ 33^m\ 56^s$.

February	24	+30 47 31.97
March	4	31.73
April	13	30.83

B. A. C. 3333, $9^h\ 37^m\ 50^s$.

April	18	+21 10 37.16
	21	37.98
	24	37.84

B. A. C. 3341, $9^h\ 38^m\ 53^s$.

April	13	+46 42 57.70
	25	43 0.59

B. A. C. 3358, $9^h\ 41^m\ 52^s$.

April	24	+54 45 44.29
	25	43.97
May	5	43.57

B. A. C. 3406, $9^h\ 50^m\ 9^s$.

1854.		° ′ ″
April	13	+13 9 28.38
	18	28.92
	21	28.02

Weisse IX, 887, $9^h\ 40^m\ 18^s$.

February	24	+11 15 9.28
March	4	8.51

B. A. C. 3420, $9^h\ 53^m\ 21^s$.

April	24	+32 15 8.01
	25	7.95

B. A. C. 3439, $9^h\ 56^m\ 57^s$.

April	13	+35 43 45.87
	18	45.88
	21	45.70

B. A. C. 3468, $10^h\ 2^m\ 19^s$.

April	24	+38 8 17.79
	25	18.01
May	5	17.47

Weisse X, 70, $10^h\ 5^m\ 0^s$.

May	1	−10 23 55.37

B. A. C. 3500, $10^h\ 7^m\ 42^s$.

April	13	+30 3 20.32
	18	20.78
	21	11.15

B. A. C. 3553, $10^h\ 15^m\ 57^s$.

April	18	− 2 59 9.11
May	1	10.96

B. A. C. 3607, $10^h\ 24^m\ 28^s$.

May	1	+41 11 43.56
	5	43.97

B. A. C. 3637, $10^h\ 30^m\ 8^s$.

April	13	−12 36 22.81
	18	(20.22)
	25	23.01

B. A. C. 3667, $10^h\ 34^m\ 53^s$.

May	8	+ 4 21 54.40

B. A. C. 3674, $10^h\ 35^m\ 42^s$.

April	25	−22 45 55.75
May	1	55.27

B. A. C. 3709, $10^h\ 41^m\ 27^s$.

April	13	− 8 19 29.17
	18	28.11
	24	29.66

B. A. C. 3720, $10^h\ 43^m\ 12^s$.

April	25	+ 4 23 2.35
May	5	2.84
	8	2.34

B. A. C. 3732, $10^h\ 46^m\ 6^s$.

1854.		° ′ ″
April	13	− 1 20 0.54
	18	19 59.67
	21	20 0.17
	24	0.72

α Ursæ Majoris, $10^h\ 54^m\ 26^s$.

April	13	+62 33 32.63
	18	34.48
	24	34.08
	25	33.63
May	5	33.28
	8	32.96
	13	33.30

δ Leonis, $11^h\ 6^m\ 7^s$.

April	13	+21 20 40.92
	18	42.07
May	8	40.35
	13	41.19

δ Crateris, $11^h\ 11^m\ 51^s$.

April	13	−13 58 2.97
May	5	3.19
	8	3.50
	13	3.92

B. A. C. 3869, $11^h\ 14^m\ 38^s$.

May	1	+18 15 33.04
	5	33.53

B. A. C. 3902, $11^h\ 20^m\ 14^s$.

April	24	+12 47 56.65
May	5	56.51
	13	56.10

B. A. C. 3940, $11^h\ 28^m\ 52^s$.

April	13	+ 6 56 24.46
	18	25.70
May	1	25.20

B. A. C. 3956, $11^h\ 31^m\ 3^s$.

April	24	−12 22 36.26
May	5	35.10
	13	36.31

Weisse (I) XI, 548, $11^h\ 31^m\ 22^s$.

April	13	+ 6 53 34.56
	18	35.10
May	1	34.51

B. A. C. 3964, $11^h\ 32^m\ 59^s$.

May	22	+22 11 5.46

β Leonis, $11^h\ 41^m\ 24^s$.

April	13	+15 24 36.08
	18	37.38
	24	37.35
May	1	36.15
	5	36.96
	8	36.61

Hosted by Google

WEISSE (2) XI, 889, $11^h\ 45^m\ 27^s$.

1854.		° ′ ″
May	19	+17 41 2.66
	20	1.44
	22	2.03

γ URSÆ MAJORIS, $11^h\ 45^m\ 55^s$.

April	13	+54 31 42.93
	24	43.37
May	1	43.13

B. A. C. 4037, $11^h\ 49^m\ 27^s$.

May	8	−32 28 41.03
	19	43.93
	20	43.75
	22	42.18

B. A. C. 4063, $11^h\ 55^m\ 56^s$.

April	24	− 4 38 37.12
May	1	37.31
	5	36.75

B. A. C. 4080, $11^h\ 59^m\ 35^s$.

May	8	− 5 55 51.29
	16	51.43
	22	51.60

B. A. C. 4081, $11^h\ 59^m\ 56^s$.

May	13	+14 21 8.04
	19	7.73
	20	7.05

B. A. C. 4122, $12^h\ 7^m\ 57^s$.

April	24	+71 2 8.20
May	1	7.26
	5	7.71

B. A. C. 4141, $12^h\ 11^m\ 44^s$.

May	13	+23 52 5.82
	22	4.82
June	1	5.64

(*), $12^h\ 11^m\ 51^s$.

May	20	+23 57 14.19

B. A. C. 4153, $12^h\ 12^m\ 47^s$.

May	8	+27 27 23.59
	16	24.64
	19	24.94

WEISSE (2) XII, 320, $12^h\ 15^m\ 3^s$.

May	16	+27 27 17.25
	19	17.48

B. A. C. 4171, $12^h\ 15^m\ 27^s$.

April	24	− 6 28 1.31
May	1	1.47
	5	1.15

β CORVI, $12^h\ 26^m\ 31^s$.

1854.		° ′ ″
April	24	−22 34 0.05
May	1	34 0.98
	4	33 58.91
	5	34 0.28
	8	0.30
	13	0.02
	19	0.66
	20	0.68

B. A. C. 4257, $12^h\ 31^m\ 31^s$.

May	8	− 7 10 9.85
	22	10.13

B. A. C. 4277, $12^h\ 35^m\ 55^s$.

April	24	− 0 45 3.86
May	1	4.23
	5	4.59

B. A. C. 4285, $12^h\ 37^m\ 53^s$.

May	4	+40 5 41.38
	13	40.91
	16	40.79
	19	40.46

(*), $12^h\ 41^m\ 16^s$.

May	22	+14 23 35.83

B. A. C. 4299, $12^h\ 40^m\ 43^s$.

June	1	+14 22 25.18
	5	25.56

α CANUM VENATICORUM, $12^h\ 49^m\ 0^s$.

April	24	+39 7 47.19
May	1	45.85
	4	44.97
	5	46.11
	8	46.14
	13	45.82
	16	46.42
	19	46.57
	20	(44.56)
	22	45.58
June	1	46.22
	5	45.67

B. A. C. 4367, $12^h\ 54^m\ 43^s$.

May	4	+11 45 59.87
	5	60.47
	8	60.47
	16	59.45

B. A. C. 4373, $12^h\ 56^m\ 11^s$.

June	1	− 2 51 17.54
	5	17.64

B. A. C. 4382, $12^h\ 58^m\ 32^s$.

May	19	−14 6 43.83
	20	44.10
	22	43.71

B. A. C. 4433, $13^h\ 6^m\ 54^s$.

May	13	+40 56 55.62
	16	55.44
	19	55.91

B. A. C. 4468, $13^h\ 13^m\ 58^s$.

1854.		° ′ ″
May	13	+14 56 15.68
	16	15.33
	19	15.86

B. A. C. 4479, $13^h\ 17^m\ 5^s$.

May	13	+37 49 6.05
	16	5.72
	19	5.86

α VIRGINIS, $13^h\ 17^m\ 18^s$.

April	24	−10 22 36.25
May	20	36.92
	22	35.39
June	1	35.69
	3	35.87

B. A. C. 4519, $13^h\ 24^m\ 45^s$.

May	22	+42 52 45.43
June	1	45.80

B. A. C. 4536, $13^h\ 28^m\ 6^s$.

May	16	+37 57 8.58
	19	8.72
	20	8.61

B. A. C. 4553, $13^h\ 30^m\ 56^s$.

May	5	+23 17 46.29
	8	45.73
	16	46.15
June	5	46.35

B. A. C. 4566, $13^h\ 33^m\ 56^s$.

May	4	+23 15 26.82
	5	27.16
	19	26.92
	20	26.66
	22	27.02

η URSÆ MAJORIS, $13^h\ 41^m\ 37^s$.

May	22	+50 3 48.17
June	1	47.98
	5	48.02
	15	47.55

B. A. C. 4640, $13^h\ 46^m\ 22^s$.

May	4	+29 23 17.52
	5	17.36
	8	17.27
	19	17.64

η BOOTIS, $13^h\ 47^m\ 33^s$.

June	3	+19 9 6.19
	5	6.66
	15	6.11

B. A. C. 4652, $13^h\ 49^m\ 2^s$.

May	20	+32 45 59.01
	22	59.19
June	1	58.86

WEISSE (2) XIII, 1083, $13^h\ 49^m\ 11^s$.

May	4	+29 24 30.22
	8	29.54
	19	29.93

B. A. C. 4682, $13^h\ 57^m\ 3^s$.

1854.		° ′ ″
May	4	−15 36 52.39
	8	52.70
	20	54.00

B. A. C. 4694, $13^h\ 59^m\ 47^s$.

June	1	+31 34 9.55
	3	9.59
	5	10.15

B. A. C. 4721, $14^h\ 6^m\ 52^s$.

May	8	+13 39 55.24
	19	54.61
June	4	55.41

α BOOTIS, $14^h\ 8^m\ 49^s$.

May	16	+19 57 55.44
	20	55.00
	26	55.77
	27	(54.72)
June	1	54.59
	3	55.15
	5	55.67

B. A. C. 4751, $14^h\ 12^m\ 1^s$.

May	19	+13 41 55.37
	20	54.54
	22	54.68

B. A. C. 4776, $14^h\ 17^m\ 10^s$.

June	3	−26 10 8.06
	5	8.61
	15	8.64

B. A. C. 4783, $14^h\ 19^m\ 22^s$.

May	4	+39 4 23.00
	8	22.19
	16	21.71

B. A. C. 4805, $14^h\ 23^m\ 41^s$.

May	22	+42 28 28.56
June	15	28.60

B. A. C. 4812, $14^h\ 26^m\ 2^s$.

May	4	+38 57 59.01
	8	58.41
	16	59.41

B. A. C. 4830, $14^h\ 29^m\ 25^s$.

June	1	+50 1 27.50
	3	28.26
	5	27.26

B. A. C. 4864, $14^h\ 36^m\ 50^s$.

May	4	+27 10 4.69
	8	4.36
	16	4.89

Hosted by Google

ε Bootis, 14h 38m 26s.

1854.		° ′ ″
May	19	+27 42 32.76
	22	32.99
	26	32.63
	27	32.98
June	1	32.63
	5	32.98
	15	33.29
	20	32.14

α² Libræ, 14h 42m 35s.

May	8	−15 24 54.55
	22	54.36
	26	53.99
	27	54.61
June	1	54.79
	5	54.25
	15	54.79
	20	53.88

β Ursæ Minoris, 14h 51m 12s.

May	22	+74 46 5.14
	27	5.61
June	1	5.78
	3	6.16
	5	6.29
	15	4.88
	20	5.69

B. A. C. 4953, 14h 55m 32s.

May	4	+25 36 13.22
	16	13.30
	19	12.93

B. A. C. 4993, 15h 2m 3s.

May	4	+25 41 6.76
	16	6.99
	19	7.00
	22	6.56

β Libræ, 15h 8m 56s.

May	16	− 8 49 34.07
	19	32.84
	22	33.17
	27	33.98
June	1	34.07
	3	33.54
	5	33.44
	15	33.18
	20	33.27
	27	34.98
July	1	33.41

B. A. C. 5047, 15h 11m 39s.

June	1	+ 2 20 10.48
	3	10.92
	5	10.73

B. A. C. 5060, 15h 13m 35s.

June	15	−36 18 59.44
July	1	58.48

B. A. C. 5085, 15h 18m 50s.

May	19	+15 57 31.05
July	11	30.18

B. A. C. 5091, 15h 20m 10s.

1854.		° ′ ″
June	1	+63 52 40.95
	3	41.08
	5	41.00

α Coronæ Borealis, 15h 28m 20s.

May	22	+27 13 21.15
	27	20.49
June	1	20.76
	3	21.13
	5	20.50
	15	21.06
	20	20.56
July	1	19.99
	15	21.26

B. A. C. 5155, 15h 29m 45s.

May	4	+39 30 39.82
	16	38.92
	19	39.16

B. A. C. 5185, 15h 34m 44s.

May	4	+13 19 55.29
	16	54.96
	19	55.54

α Serpentis, 15h 36m 53s.

May	22	+ 6 54 4.09
	27	3.99
June	1	4.20
	3	4.15
	5	3.82
	15	4.00
	20	3.53
	27	3.24
July	1	4.03
	15	3.71
	18	3.81

B. A. C. 5252, 15h 44m 41s.

May	4	+21 25 55.30
	16	55.17
	19	55.87

ζ Ursæ Minoris, 15h 49m 32s.

May	22	+78 15 11.05
	27	11.20
June	1	11.83
	3	11.23
	5	10.70
	15	10.28
	20	11.05
	27	10.23
July	11	10.37
	15	11.15
	18	(9.82)

β¹ Scorpii, 15h 56m 43s.

June	3	−19 23 25.70
	5	25.47
	15	26.04
	20	25.98
	27	25.86
	30	24.86
July	11	25.83
	17	26.11

B. A. C. 5367, 16h 1m 18s.

1854.		° ′ ″
May	22	+17 26 59.34
	27	59.39
June	1	59.88

B. A. C. 5376, 16h 2m 1s.

June	16	+17 36 24.88
July	11	25.88
	15	26.03

B. A. C. 5382, 16h 3m 17s.

July	18	−19 3 59.76
	20	59.28

δ Ophiuchi, 16h 6m 29s.

June	5	− 3 18 15.65
	15	15.74
	20	15.63
	27	15.68
	30	13.95
July	1	14.82

B. A. C. 5432, 16h 9m 4s.

May	22	+34 14 27.80
	27	27.28
June	1	28.22

B. A. C. 5452, 16h 13m 34s.

June	3	+21 29 53.48
	5	52.91
	15	52.94
	16	53.25

B. A. C. 5460, 16h 14m 47s.

July	1	+40 4 13.04
	11	12.70
	15	11.94

Weisse (2) XVI, 457, 16h 15m 10s.

June	27	+40 37 11.64
July	18	12.40

B. A. C. 5473, 16h 16m 15s.

May	22	+31 14 34.39
	27	35.07
June	1	35.50

B. A. C. 5479, 16h 16m 43s.

June	3	+34 9 18.57
	5	18.26
	15	18.44

B. A. C. 5480, 16h 16m 50s.

June	16	+34 3 19.03
	20	19.13
	30	19.46

B. A. C. 5495, 16h 19m 42s.

July	18	− 8 1 54.18
	20	54.07

B. A. C. 5523, 16h 23m 43s.

1854.		° ′ ″
May	22	+42 12 50.89
	27	50.32
June	1	51.19

B. A. C. 5529, 16h 24m 44s.

July	11	+11 44 59.95
	20	45 0.48

B. A. C. 5532, 16h 25m 35s.

June	15	+11 48 49.73
	16	49.63
	19	50.60
	20	51.07

B. A. C. 5588, 16h 34m 1s.

July	11	−31 48 54.30
	15	55.33

B. A. C. 5596, 16h 34m 41s.

May	22	+49 13 26.20
	27	26.07
June	1	26.88
	19	25.06

B. A. C. 5605, 16h 35m 47s.

June	20	−30 31 24.79
	27	26.17
July	1	25.31

B. A. C. 5625, 16h 39m 20s.

June	3	+ 2 30 57.69
	5	57.97
	15	58.09

B. A. C. 5686, 16h 46m 33s.

June	30	+15 39 32.62
July	1	32.58
	11	32.64
August	5	32.63

B. A. C. 5692, 16h 46m 55s.

June	16	+10 24 58.45
	20	58.26
	27	57.95

B. A. C. 5702, 16h 48m 47s.

June	3	+18 40 35.30
	5	35.00
	15	35.38

Weisse (2) XVI, 1533, 16h 49m 24s.

July	11	+15 37 30.32
	15	30.27
	18	29.35

B. A. C. 5716, 16h 51m 51s.

June	15	+15 40 53.26
	16	53.45
	30	54.18
July	1	53.34

Hosted by Google

B. A. C. 5767, $16^h\ 58^m\ 43^s$.

1854.		° ′ ″
June	27	−24 47 38.92
	30	38.05
July	18	37.37

ε URSÆ MINORIS, $17^h\ 1^m\ 30^s$.

June	19	+82 16 31.97
	20	31.00
July	15	31.11
	17	30.14
	20	31.01
August	1	31.15
	5	31.06
	8	30.53

B. A. C. 5788, $17^h\ 2^m\ 43^s$.

June	5	+36 7 58.33
	15	58.81
	16	58.52

α HERCULIS, $17^h\ 7^m\ 49^s$.

June	5	+14 33 54.32
	15	53.73
	16	53.63
	19	54.65
July	15	54.02
	17	54.73
	20	54.13
August	1	53.68
	5	53.91
	10	54.36

B. A. C. 5834, $17^h\ 9^m\ 50^s$.

June	27	+36 58 51.59
	30	52.34
July	1	52.32
	18	51.44

B. A. C. 5845, $17^h\ 12^m\ 24^s$.

August	8	−12 41 21.48

B. A. C. 5886, $17^h\ 18^m\ 31^s$.

June	16	+37 17 11.36
	19	12.02
	27	11.63
August	1	12.56

LALANDE 31762, $17^h\ 18^m\ 59^s$.

June	30	+37 3 41.42
July	1	40.99

B. A. C. 5894, $17^h\ 19^m\ 4^s$.

August	10	+ 7 43 52.45
	14	52.45

B. A. C. 5895, $17^h\ 19^m\ 15^s$.

July	11	+37 5 17.30
	14	17.52
	15	17.94

B. A. C. 5901, $17^h\ 20^m\ 34^s$.

July	18	−37 10 14.38
	20	13.07
August	8	11.72

B. A. C. 5929, $17^h\ 25^m\ 40^s$.

1854.		° ′ ″
June	16	+38 59 49.34
	20	49.54
	27	50.15

α OPHIUCHI, $17^h\ 27^m\ 58^s$.

June	30	+12 40 24.64
July	1	24.13
	11	23.65
	14	24.11
	15	24.24
August	1	23.73
	5	23.79

(*), $17^h\ 30^m$.

August	14	−28 19 53.94

β DRACONIS, $17^h\ 27^m\ 3^s$.

August	10	+52 24 49.98

B. A. C. 5956, $17^h\ 29^m\ 50^s$.

July	18	−29 52 3.43
	20	3.70
August	8	3.14

B. A. C. 6005, $17^h\ 37^m\ 12^s$.

June	30	+24 23 47.29
July	1	46.67
	11	46.73

B. A. C. 6018, $17^h\ 39^m\ 39^s$.

July	15	−36 59 22.64
	18	21.91
	20	23.13

B. A. C. 6020, $17^h\ 40^m\ 22^s$.

August	5	+ 2 46 5.77
	10	4.91
	14	5.27

B. A. C. 6032, $17^h\ 42^m\ 41^s$.

August	17	−31 16 55.36

B. A. C. 6033, $17^h\ 42^m\ 44^s$.

June	15	+25 40 32.73
	16	33.19
	20	32.70

B. A. C. 6059, $17^h\ 47^m\ 4^s$.

August	24	−26 44 25.92

B. A. C. 6062, $17^h\ 47^m\ 12^s$.

June	30	+40 1 3.60
July	1	3.48
	11	3.38

B. A. C. 6068, $17^h\ 48^m\ 24^s$.

July	15	+40 2 20.65
	18	20.72
	20	20.57

B. A. C. 6073, $17^h\ 49^m\ 23^s$.

1854.		° ′ ″
June	15	+26 4 38.99
	16	37.84
	27	38.98
August	5	38.56

B. A. C. 6087, $17^h\ 52^m\ 46^s$.

June	30	+30 12 17.82
July	1	18.33
	11	17.63

γ DRACONIS, $17^h\ 53^m\ 8^s$.

August	14	+51 30 29.19

B. A. C. 6094, $17^h\ 53^m\ 23^s$.

July	12	+16 45 47.07
	14	46.62
	15	47.36

B. A. C. 6106, $17^h\ 55^m\ 8^s$.

June	15	+21 36 0.26
	16	35 59.00
	27	36 0.10

B. A. C. 6113, $17^h\ 56^m\ 7^s$.

August	17	−29 16 45.08
	23	46.23
	26	45.17

B. A. C. 6130, $17^h\ 59^m\ 18^s$.

August	30	−30 0 28.10

B. A. C. 6132, $17^h\ 59^m\ 39^s$.

July	18	−25 29 18.61
August	5	18.92
	8	19.03

B. A. C. 6150, $18^h\ 1^m\ 42^s$.

June	30	+28 44 42.86
July	11	41.73
	12	43.11
	14	42.01

μ^1 SAGITTARII, $18^h\ 4^m\ 48^s$.

June	27	−21 5 33.68
July	15	33.45
August	10	34.10
	17	34.01
	26	32.59

B. A. C. 6186, $18^h\ 7^m\ 29^s$.

July	18	−36 48 1.71
August	5	2.46

B. A. C. 6202, $18^h\ 10^m\ 46^s$.

August	10	−31 22 27.44
	24	28.31

B. A. C. 6210, $18^h\ 11^m\ 31^s$.

July	11	−15 53 16.16
August	8	16.97

B. A. C. 6212, $18^h\ 11^m\ 41^s$.

1854.		° ′ ″
August	26	−32 14 29.63

B. A. C. 6233, $18^h\ 14^m\ 13^s$.

July	18	−34 26 59.02
August	5	59.08

B. A. C. 6235, $18^h\ 14^m\ 36^s$.

June	30	+35 59 59.67
July	14	59 59.78
	15	36 0 0.15

B. A. C. 6241, $18^h\ 15^m\ 53^s$.

June	16	+23 12 44.42
August	30	46.33
September	2	44.69

B. A. C. 6258, $18^h\ 17^m\ 57^s$.

August	8	+51 13 47.32
	14	47.80
	30	48.78

B. A. C. 6261, $18^h\ 18^m\ 23^s$.

September	2	−26 43 3.91

B. A. C. 6264, $18^h\ 18^m\ 45^s$.

August	10	−26 50 27.68
	24	29.18

B. A. C. 6271, $18^h\ 19^m\ 38^s$.

August	26	−29 20 47.89

δ URSÆ MINORIS, $18^h\ 20^m\ 44^s$.

July	1	+86 35 48.26
	11	48.55

B. A. C. 6295, $18^h\ 22^m\ 40^s$.

August	14	−29 17 25.54
	16	25.96

(*), $18^h\ 25^m$.

June	30	+61 8 34.88
July	14	32.83
	15	32.89

α LYRÆ, $18^h\ 31^m\ 51^s$.

June	16	+38 38 47.32
July	18	49.13
August	5	49.24
	10	49.41
	17	48.78
	26	49.83
	31	49.20
September	2	49.71

B. A. C. 6358, $18^h\ 33^m\ 10^s$.

August	14	−14 41 59.51
	16	59.99

Hosted by Google

B. A. C. 6365, $18^h\ 35^m\ 7^s$.

1854.		° ′ ″
June	30	+38 13 49.23
July	14	48.77
	15	49.41
August	5	49.75

B. A. C. 6403, $18^h\ 41^m\ 20^s$.

September	12	−31 7 43.45

B. A. C. 6428, $18^h\ 44^m\ 18^s$.

July	11	+48 35 51.14
	12	51.32
	14	52.18

β Lyræ, $18^h\ 44^m\ 33^s$.

July	15	+33 11 29.15
	18	29.26
August	10	28.52
	16	28.90
	17	28.51
	31	29.36

B. A. C. 6452, $18^h\ 48^m\ 13^s$.

August	14	+52 46 59.53
	24	59.64

B. A. C. 6453, $18^h\ 48^m\ 25^s$.

September	12	+22 27 30.47

B. A. C. 6460, $18^h\ 48^m\ 46^s$.

August	17	+ 4 0 44.88
	30	45.66
	31	44.79

B. A. C. 6465, $18^h\ 49^m\ 9^s$.

September	16	−25 4 15.67

B. A. C. 6476, $18^h\ 50^m\ 50^s$.

July	11	+48 40 25.74
	12	25.80
	14	25.41

B. A. C. 6482, $18^h\ 51^m\ 54^s$.

July	15	+13 42 33.07
	18	33.47
August	7	32.21

B. A. C. 6495, $18^h\ 54^m\ 9^s$.

August	8	+39 0 46.05
	10	45.60
	14	45.46

B. A. C. 6512, $18^h\ 56^m\ 17^s$.

September	12	−29 18 4.61

ζ Aquilæ, $18^h\ 58^m\ 31^s$.

1854.		° ′ ″
July	15	+13 38 39.75
	18	40.37
August	7	39.78
	17	38.95
	24	39.10
	26	39.62
	30	39.36
	31	39.62
September	2	38.90

B. A. C. 6548, $19^h\ 0^m\ 50^s$.

September	16	−21 15 24.41
	18	25.44

B. A. C. 6552, $19^h\ 1^m\ 39^s$.

July	11	+ 5 50 29.15
	12	29.18
	14	28.86

B. A. C. 6578, $19^h\ 7^m\ 0^s$.

September	18	−25 55 20.81

B. A. C. 6582, $19^h\ 8^m\ 49^s$.

August	8	+20 58 24.76
	10	24.15
	14	23.87

Lalande 36311, $19^h\ 10^m\ 16^s$.

July	11	+30 58 45.43
	12	45.20
	14	45.73
August	5	45.96
	7	45.51

B. A. C. 6606, $19^h\ 11^m\ 36^s$.

July	15	+46 47 52.67
	18	53.09
	31	52.63

B. A. C. 6609, $19^h\ 12^m\ 8^s$.

August	26	−29 52 49.09
	30	48.48

Gr. C. 1710, $19^h\ 12^m\ (37)^s$.

August	23	+46 43 11.75
	24	10.35
September	2	10.71

B. A. C. 6627, $19^h\ 15^m\ 1^s$.

September	12	−31 4 59.77
	21	58.58

B. A. C. 6631, $19^h\ 15^m\ 37^s$.

September	16	−29 35 38.21
	18	38.71

B. A. C. 6642, $19^h\ 17^m\ 38^s$.

July	15	+16 38 57.37
	18	56.97
August	5	56.57
	8	56.42
	14	57.17

B. A. C. 6647, $19^h\ 18^m\ 1^s$.

1854.		° ′ ″
August	10	+16 40 0.50
	17	1.35
	24	0.44

B. A. C. 6654, $19^h\ 18^m\ 54^s$.

July	11	+19 30 29.44
	12	28.54
	14	28.13

B. A. C. 6665, $19^h\ 20^m\ 8^s$.

August	26	−31 5 24.06
	30	23.03

B. A. C. 6666, $19^h\ 20^m\ 35^s$.

September	16	−27 17 13.31
	18	14.96

B. A. C. 6667, $19^h\ 20^m\ 45^s$.

August	23	+36 1 10.62
September	2	10.30
	12	9.67

B. A. C. 6701, $19^h\ 26^m\ 46^s$.

August	8	+ 7 3 50.77
September	12	50.21

B. A. C. 6709, $19^h\ 28^m\ 0^s$.

August	24	+19 26 55.85
	26	56.63
	30	57.35

B. A. C. 6710, $19^h\ 28^m\ 21^s$.

September	16	−18 33 33.96
	21	32.54

B. A. C. 6716, $19^h\ 29^m\ 33^s$.

August	10	−28 56 27.39
	14	28.08

B. A. C. 6718, $19^h\ 29^m\ 48^s$.

August	17	+42 5 10.87
September	2	11.26

Lalande 37221, $19^h\ 31^m\ 0^s$.

September	25	−22 24 0.62

B. A. C. 6729, $19^h\ 31^m\ 48^s$.

July	11	+ 5 3 35.82
	12	36.17
	14	35.87

B. A. C. 6760, $19^h\ 37^m\ 37^s$.

September	21	−20 7 0.99

B. A. C. 6768, $19^h\ 38^m\ 30^s$.

August	10	−29 31 26.39
	14	25.69

γ Aquilæ, $19^h\ 39^m\ 8^s$.

1854.		° ′ ″
July	12	+10 15 4.95
	14	5.37
August	7	4.90
	8	5.50
	17	4.46
	24	4.74

B. A. C. 6777, $19^h\ 40^m\ 16^s$.

August	26	+34 39 0.19
	30	0.36

(*), $19^h\ 40^m\ 40^s$.

September	30	−22 38 59.76

B. A. C. 6786, $19^h\ 41^m\ 10^s$.

August	31	−27 5 16.10
September	25	17.37

α Aquilæ, $19^h\ 43^m\ 28$.

September	2	+ 8 28 33.54
	23	33.71

B. A. C. 6829, $19^h\ 47^m\ 23^s$.

August	26	−30 57 44.60
	30	45.45

B. A. C. 6831, $19^h\ 47^m\ 44^s$.

August	10	−23 27 26.22
	14	26.00

β Aquilæ, $19^h\ 47^m\ 57^s$.

July	12	+ 6 2 8.99
August	5	9.51
	7	8.22
	8	9.15
	17	9.28
	24	8.96
September	23	8.79
	29	9.60

B. A. C. 6850, $19^h\ 50^m\ 41^s$.

September	18	−22 36 48.55

B. A. C. 6854, $19^h\ 51^m\ 17^s$.

August	31	−28 59 30.17
September	2	29.90

B. A. C. 6868, $19^h\ 53^m\ 17^s$.

August	24	+17 6 35.20
	26	34.89

B. A. C. 6888, $19^h\ 56^m\ 3^s$.

September	12	−27 13 59.43
	25	57.49

Lalande 38290, $19^h\ 56^m\ 22^s$.

September	30	−19 11 28.39

Hosted by Google

MADRAS 1483, $19^h\ 57^m$.

1854.	° ′ ″
September 23	−16 47 38.70
29	37.03

B. A. C. 6893, $19^h\ 56^m\ 49^s$.

August 7	+ 6 51 29.41
8	29.75
17	29.17
30	29.24

B. A. C. 6899, $19^h\ 58^m\ 4^s$.

August 10	−30 8 53.63
14	53.67

B. A. C. 6903, $19^h\ 59^m\ 33^s$.

September 16	−19 14 0.13
18	13 59.65

B. A. C. 6906, $19^h\ 59^m\ 58^s$.

August 31	−26 39 12.31
September 2	13.33

B. A. C. 6908, $20^h\ 0^m\ 3^s$.

August 24	−28 52 16.10
26	16.08

B. A. C. 6923, $20^h\ 1^m\ 43^s$.

September 21	−19 48 54.18
25	54.86

B. A. C. 6941, $20^h\ 4^m\ 27^s$.

August 10	+20 41 28.49
14	28.44
29	29.46

WEISSE (2) XX, 206, $20^h\ 6^m\ 31^s$.

September 29	+20 41 54.22

α^1 CAPRICORNI, $20^h\ 9^m\ 20^s$.

August 17	−12 58 3.92
September 12	4.99
October 5	2.93
6	4.84
November 2	5.05

α^2 CAPRICORNI, $20^h\ 9^m\ 44^s$.

August 7	−13 0 20.35
8	20.34
September 23	20.90
30	20.71
October 5	18.98
6	20.91
November 2	21.62

B. A. C. 6981, $20^h\ 10^m\ 44^s$.

September 16	−19 34 57.19
18	56.92

B. A. C. 6977, $20^h\ 10^m\ 7^s$.

August 26	−30 5 13.99
30	14.98

B. A. C. 6982, $20^h\ 10^m\ 48^s$.

1854.	° ′ ″
August 31	−25 41 16.68
September 2	17.23

O. ARG. S. 20429, $20^h\ 12^m\ 36^s$.

September 21	−23 56 50.26
23	51.52

O. ARG. S. 20465, $20^h\ 15^m\ 26^s$.

September 21	−23 57 14.43
23	15.86

B. A. C. 7011, $20^h\ 15^m\ 29^s$.

August 8	−29 33 18.96
10	19.09

B. A. C. 7018, $20^h\ 16^m\ 15^s$.

August 14	−29 8 43.08
17	42.28
24	43.91

LALANDE 39247, $20^h\ 17^m\ 40^s$.

September 29	−15 27 53.19
30	53.89

B. A. C. 7030, $20^h\ 18^m\ 17^s$.

September 2	−29 18 7.17
16	6.44

B. A. C. 7032, $20^h\ 18^m\ 45^s$.

August 31	−28 45 4.76
September 12	4.75

B. A. C. 7033, $20^h\ 18^m\ 52^s$.

September 18	−29 51 47.02
October 6	47.00

O. ARG. S. 20521, $20^h\ 18^m\ 21^s$.

October 7	−23 30 16.72

B. A. C. 7040, $20^h\ 19^m\ 51^s$.

August 26	−24 28 24.13
30	24.24

B. A. C. 7054, $20^h\ 21^m\ 18^s$.

October 5	−19 4 31.11

B. A. C. 7057, $20^h\ 21^m\ 44^s$.

August 14	−29 36 38.56
25	38.74

B. A. C. 7063, $20^h\ 22^m\ 42^s$.

August 7	−15 33 12.80
8	13.01

O. ARG. S. 20570, $20^h\ 22^m\ 51^s$.

1854.	° ′ ″
September 21	−23 0 15.72
30	16.74

B. A. C. 7093, $20^h\ 26^m\ 51^s$.

August 10	−27 17 12.25
24	13.73

B. A. C. 7108, $20^h\ 28^m\ 55^s$.

August 17	−25 37 36.69
26	38.17

B. A. C. 7111, $20^h\ 28^m\ 57^s$.

August 31	−22 57 42.16
September 2	42.39

B. A. C. 7113, $20^h\ 29^m\ 11^s$.

September 12	−24 44 50.19
15	49.80

O. ARG. S. 20675, $20^h\ 29^m\ 37^s$.

October 5	−21 56 36.75
6	38.21

B. A. C. 7123, $20^h\ 30^m\ 36^s$.

August 14	−17 4 51.44
30	51.19

B. A. C. 7134, $20^h\ 31^m\ 30^s$.

September 18	−18 39 46.90
21	45.49
November 2	46.79

B. A. C. 7135, $20^h\ 31^m\ 32^s$.

September 16	−28 6 45.78
October 17	44.78

WEISSE XX, 860, $20^h\ 33^m\ 29^s$.

October 7	−14 26 2.95
11	2.59

B. A. C. 7159, $20^h\ 34^m\ 8^s$.

September 25	−18 38 32.68
October 6	32.33

α CYGNI, $20^h\ 36^m\ 19^s$.

August 7	+44 44 47.03
8	(45.47)
10	46.33
17	47.04
24	46.64
25	47.73
26	46.58
October 19	47.62

B. A. C. 7202, $20^h\ 39^m\ 53^s$.

August 31	−18 45 0.00
September 2	0.24

WEISSE XX, 1031, $20^h\ 40^m\ 16^s$.

1854.	° ′ ″
September 29	−14 5 26.26
October 5	24.69

B. A. C. 7209, $20^h\ 40^m\ 50^s$.

September 18	−18 35 8.11
21	6.66
October 17	6.85

B. A. C. 7210, $20^h\ 41^m\ 5^s$.

August 14	−27 55 8.80
30	9.08
September 12	9.72

B. A. C. 7216, $20^h\ 41^m\ 40^s$.

August 24	−25 31 56.08
25	56.17

B. A. C. 7224, $20^h\ 42^m\ 33^s$.

August 26	−28 33 7.19
September 16	8.30

O. ARG. S. 20903, $20^h\ 42^m\ 40^s$.

November 2	−16 58 13.82

B. A. C. 7229, $20^h\ 43^m\ 28^s$.

October 11	− 6 11 2.70
19	1.89

B. A. C. 7244, $20^h\ 45^m\ 13^s$.

September 2	−24 50 35.40
18	35.03

B. A. C. 7249, $20^h\ 46^m\ 19^s$.

September 23	−18 29 17.99
25	17.28
October 7	17.72

B. A. C. 7262, $20^h\ 49^m\ 2$.

August 31	+53 56 36.41
September 16	36.20

O. ARG. S. 20996, $20^h\ 49^m\ 16^s$.

November 2	−16 36 19.89

B. A. C. 7268, $20^h\ 50^m\ 4^s$.

August 25	+46 50 40.17
30	41.13
September 12	39.11

B. A. C. 7274, $20^h\ 51^m\ 31^s$.

September 29	+48 37 14.52
30	13.22

B. A. C. 7282, $20^h\ 52^m\ 25^s$.

September 18	−18 6 44.66
21	42.40
October 7	44.67

Hosted by Google

B. A. C. 7297, 20h 54m 11s.

1854.	° ′ ″
September 2	+39 40 1.96
October 17	4.04

WEISSE XX, 1394, 20h 54m 2s.

September 23	−13 1 56.53
25	56.78

B. A. C. 7322, 20h 57m 31s.

October 11	−17 49 31.79
19	31.19

61¹ CYGNI, 21h 0m 11s.

August 7	+38 0 51.59
8	51.81
10	52.44
14	52.65
17	(53.37)
24	52.61
25	52.21
26	52.31
30	(50.78)
31	51.75
September 2	51.76
12	51.74
16	52.19
18	51.84
21	52.93
25	52.07
October 6	52.04
7	52.60
10	52.02
11	52.35
17	52.62
19	52.64
21	52.68
November 2	51.53

61² CYGNI, 21h 0m 11s.

October 7	+38 0 48.40
10	48.77
11	48.60
17	48.85
19	48.92
21	48.32

ν AQUARII, 21h 1m 25s.

September 29	−11 58 31.65
30	32.53

B. A. C. 7366, 21h 5m 57s.

September 30	−26 31 40.77

ζ CYGNI, 21h 6m 33s.

September 16	+29 36 50.37
18	50.46
21	50.16
October 5	51.26
6	50.72
7	50.99
10	50.73
11	50.90
17	51.19
19	50.63
21	50.79

WEISSE (1) XXI, 156, 21h 7m 45s.

August 31	− 9 44 27.76
September 23	27.87

B. A. C. 7379, 21h 8m 15s.

1854.	° ′ ″
August 24	− 9 50 11.71
September 12	11.23

B. A. C. 7401, 21h 12m 45s.

September 2	+55 10 8.85
23	10.98

α CEPHEI, 21h 15m 0s.

September 18	+61 57 4.60
October 5	4.72
November 2	3.78

WEISSE XXI, 346, 21h 15m 3s.

September 29	−11 13 33.53
30	33.30
October 6	34.12

B. A. C. 7417, 21h 15m 5s.

September 16	+57 59 25.01
25	26.22

B. A. C. 7431, 21h 16m 48s.

August 31	+48 44 52.45
September 2	50.90

β AQUARII, 21h 23m 39s.

August 30	− 6 13 42.07
September 12	42.07
16	42.50
18	42.32
October 6	41.93
24	41.05

(* 39) W., 21h 22m 41s.

September 29	−16 30 38.81
30	39.79

B. A. C. 7485, 21h 25m 23s.

September 23	−16 51 28.90
25	29.11
November 2	28.38

β CEPHEI, 21h 26m 42s.

October 25	+69 54 9.87

O. ARG. S. 21515, 21h 28m 58s.

September 25	−25 7 16.36

O. ARG. S. 21534, 21h 30m 23s.

September 12	−25 7 16.27
18	16.93

B. A. C. 7528, 21h 32m 1s.

August 30	+19 35 26.17
31	25.94
September 16	24.92

RUMKER 9349, 21h 33m 15s

1854.	° ′ ″
September 21	−15 31 14.93
23	15.21
29	14.47

B. A. C. 7549, 21h 34m 48s

August 31	−24 49 23.86
September 2	24.75

B. A. C. 7556, 21h 35m 49s.

September 30	−15 25 59.43
October 5	26 0.95
6	0.64

ε PEGASI, 21h 36m 49s.

October 7	+ 9 11 22.46
10	24.26
11	23.70
17	23.33
19	22.90
21	23.39
23	23.51
24	23.45
25	23.20
November 2	23.03

B. A. C. 7617, 21h 44m 59s.

August 30	−11 15 48.63
31	49.10

WEISSE XXI, 1071, 21h 45m 13s.

September 23	−14 53 34.73
29	33.60
October 11	34.58

B. A. C. 7630, 21h 46m 49s.

October 25	−15 57 46.69
November 2	47.10
9	47.29

B. A. C. 7631, 21h 47m 6s.

September 12	+55 5 35.77
16	35.49
October 10	37.10

LALANDE 42700, 21h 47m 16s.

September 30	−21 50 46.60
October 5	46.11
21	47.12

(*), 21h 48m 12s.

October 6	−21 28 27.42
7	27.89
17	26.08

B. A. C. 7641, 21h 49m 38s.

September 18	+11 21 57.74
21	58.25

(*), 21h 49m 57s.

1854.	° ′ ″
October 17	−21 26 54.97
19	56.06
24	55.76

B. A. C. 7649, 21h 50m 21s.

September 25	−21 53 46.44
October 11	46.65

LALANDE 42813, 21h 50m 32s.

October 21	−20 19 14.79
23	13.74

(*), 21h 50m 59s.

September 29	−20 43 7.32
30	6.37
October 5	7.13

O. ARG. S. 21832, 21h 55m 6s.

October 7	−22 25 26.26
19	25.61

LALANDE 42984, 21h 55m 48s.

September 23	−22 30 14.33
October 6	13.99

B. A. C. 7677, 21h 56m 23s.

September 16	+74 16 43.76
21	44.24

(*), 21h 56m 37s.

October 23	−19 48 1.19
24	0.57

LALANDE 43040, 21h 57m 35s.

October 25	−19 23 42.58
November 2	43.06
9	43.36

WEISSE XXI, 1333, 21h 57m 35s.

October 17	−10 37 21.87
November 8	21.78

WEISSE XXI, 1375, 21h 59m 21s.

September 29	− 9 54 41.67
30	41.95

LALANDE 43106, 21h 59m 30s.

October 5	−22 19 19.06
11	19.33

α AQUARII, 21h 58m 4s.

September 18	− 1 2 47.24
October 10	48.55

WEISSE XXI, 1384, 21h 59m 48s.

October 21	−10 48 28.12

Hosted by Google

B. A. C. 7711, 22h 0m 45s.

1854.	° ′ ″
September 25	−19 15 5.42

WEISSE XXII, 13, 22h 1m 34s.

November 2	− 9 32 1.37
7	1.58

B. A. C. 7724, 22h 2m 43s.

November 9	−21 58 1.15
December 1	1.25

O. ARG. S. 21966, 22h 4m 2s.

October 6	−18 51 57.58
7	59.54
November 8	58.02

LALANDE 43288, 22h 4m 21s.

October 17	−18 45 58.25
19	56.76
23	56.42

B. A. C. 7752, 22h 6m 3s.

September 16	− 5 11 31.13
21	29.47

B. A. C. 7765, 22h 7m 27s.

August 31	+38 58 21.54
September 12	20.80
18	21.70

B. A. C. 7771, 22h 8m 46s.

September 23	−13 34 38.18
25	38.98
29	37.99
October 5	38.08

B. A. C. 7776, 22h 9m 16s.

September 30	− 6 8 2.18
October 11	3.15
21	2.66

B. A. C. 7793, 22h 13m 33s.

November 9	− 6 59 45.60
December 1	46.03

B. A. C. 7796, 22h 14m 8s.

September 16	+11 27 3.31
21	4.66

B. A. C. 7802, 22h 15m 9s.

October 17	−25 31 7.62
19	6.96
November 7	7.48

B. A. C. 7814, 22h 17m 37s.

October 11	+ 0 37 5.55
21	5.07
November 8	5.39

(*), 22h 20m 37s.

1854.	° ′ ″
September 29	−16 25 49.26
October 6	46.52
7	47.68

WEISSE XXII, 467, 22h 22m 2s.

September 23	− 9 11 2.29
25	3.25
November 9	3.09

B. A. C. 7836, 22h 22m 15s.

September 16	−15 21 1.96
21	1.56
December 1	3.70

O. ARG. S. 22196, 22h 22m 55s.

September 30	−15 20 0.13
October 5	19 59.06
25	20 0.11

B. A. C. 7879, 22h 29m 11s.

September 16	+38 51 12.70
21	12.74
October 17	12.60

B. A. C. 7880, 22h 29m 12s.

September 26	+38 51 33.62
October 17	34.04

WEISSE XXII, 641, 22h 30m 29s.

September 29	− 8 40 31.36
30	31.13
October 11	31.08

WEISSE XXII, 640, 22h 30m 29s.

October 5	−14 50 6.78
6	9.04
7	9.00

WEISSE XXII, 644, 22h 30m 34s.

October 19	−14 50 42.98
21	43.14
November 8	42.87

WEISSE XXII, 675, 22h 31m 40s.

October 23	− 8 22 59.45
24	59.46
25	59.82

ζ PEGASI, 22h 33m 58s.

September 12	+10 2 58.89
25	59.16
October 19	59.07
24	59.48
November 8	58.85
9	58.91

WEISSE XXII, 761, 22h 35m 23s.

September 21	− 7 59 57.32
23	57.71
October 11	57.11

(*), 22h 37m 23s.

1854.	° ′ ″
October 6	−14 21 27.39
December 12	29.53

WEISSE XXII, 815, 22h 38m 14s.

September 29	−14 18 48.22
October 5	49.68
7	49.07
December 1	50.61

B. A. C. 7954, 22h 41m 39s.

September 25	−14 22 57.52
28	57.83
October 25	58.09

WEISSE XXII, 900, 22h 42m 42s.

October 17	− 7 42 8.43
19	8.44
23	8.85

B. A. C. 7966, 22h 44m 11s.

September 21	−33 40 9.07
23	10.41

B. A. C. 7976, 22h 44m 11s.

September 29	−12 59 7.98
30	6.48
November 23	8.58

WEISSE XXII, 962, 22h 45m 50s.

October 7	− 6 54 18.35
11	18.16
21	18.49

LALANDE 44823, 22h 47m 29s.

October 5	−20 56 14.62
6	14.48

LALANDE 44877, 22h 49m 37s.

September 28	−21 4 32.79
October 17	32.46
December 12	32.17

α PISCIS AUSTRALIS, 22h 49m 21s.

September 16	−30 24 57.07
25	58.23
October 24	58.12
November 7	58.24

WEISSE XXII, 1049, 22h 50m 22s.

October 21	− 6 29 14.23
25	12.88

WEISSE XXII, 1057, 22h 50m 59s.

October 19	− 6 28 31.24
25	30.94

(*), 22h 54m 25s.

October 11	−21 0 53.59

WEISSE XXII, 1149, 22h 54m 31s.

1854.	° ′ ″
October 7	−12 6 59.80
November 9	7 0.65

WEISSE XXII, 1156, 22h 54m 40s.

September 21	−12 4 13.56
30	13.23
November 23	14.35

LALANDE 45049, 22h 54m 43s.

October 5	−21 40 16.15
6	17.50
November 7	16.41

α PEGASI, 22h 57m 18s.

September 25	+14 23 57.57
October 23	57.84
24	56.73

WEISSE XXII, 1232, 22h 58m 3s.

September 28	−11 14 44.91
29	45.03
December 12	46.36

WEISSE XXII, 1272, 23h 0m 10s.

October 17	− 5 35 12.95
19	12.65
25	13.16

WEISSE XXII, 1283, 23h 0m 54s.

October 21	− 5 35 24.71
25	25.01

WEISSE XXIII, 9, 23h 1m 35s.

November 8	−13 25 51.27
December 1	52.04

WEISSE XXIII, 14, 23h 1m 53s.

October 11	−12 53 55.76
November 9	57.00

WEISSE XXIII, 48, 23h 3m 37s.

October 6	+ 4 11 27.26
7	27.34

B. A. C. 8078, 23h 4m 10s.

September 30	+ 7 54 23.88
October 5	24.11

WEISSE XXIII, 85, 23h 6m 22s.

October 23	−10 44 44.32
November 7	44.94

WEISSE XXIII, 111, 23h 6m 24s.

November 23	+ 4 10 54.51
27	55.27

Hosted by Google

B. A. C. 8084, $23^h\ 6^m\ 24^s$.

		° ′ ″
1854.		
September	21	− 3 26 58.11
	25	58.91
	29	58.69

LALANDE 45473, $23^h\ 6^m\ 36^s$.

November	28	−19 41 21.99
December	12	21.90

WEISSE XXIII, 143, $23^h\ 7^m\ 57^s$.

October	19	−11 51 38.16
November	8	38.28

B. A. C. 8097, $23^h\ 8^m\ 27^s$.

September	28	+27 25 51.46
December	1	50.90

WEISSE XXIII, 185, $23^h\ 9^m\ 50^s$.

October	11	−12 31 53.24
	17	52.30

B. A. C. 8109, $23^h\ 10^m\ 7^s$.

October	21	−10 0 1.75
	24	1.74

B. A. C. 8127, $23^h\ 12^m\ 42^s$.

October	6	+ 4 33 48.62
	7	47.73

LALANDE 45704, $23^h\ 12^m\ 4^s$.

October	23	−19 21 49.08
	25	48.66

B. A. C. 8129, $23^h\ 12^m\ 57^s$.

September	30	− 6 43 34.26
October	5	34.05

WEISSE XXIII, 309, $23^h\ 15^m\ 12^s$.

November	7	−11 35 48.89
	9	49.12

LALANDE 45804, $23^h\ 16^m\ 0^s$.

November	8	−18 36 43.81
	27	42.21

LALANDE 45838, $23^h\ 17^m\ 20^s$.

October	19	−18 55 7.83
November	28	8.38

B. A. C. 8159, $23^h\ 17^m\ 31^s$.

September	21	+31 33 41.22
	25	41.44
	29	41.76

WEISSE XXIII, 359, $23^h\ 17^m\ 46^s$.

December	1	+ 5 13 2.83
	12	3.15

WEISSE XXIII, 377, $23^h\ 18^m\ 50^s$.

		° ′ ″
1854.		
October	11	−10 51 30.06
	17	30.04

B. A. C. 8175, $23^h\ 20^m\ 17^s$.

September	30	−12 16 26.69
October	9	28.67

SANTINI, 1633, $23^h\ 20^m\ 37^s$.

October	6	+ 5 15 0.85
	7	1.05
November	9	0.57

WEISSE XXIII, 423, $23^h\ 21^m\ 6^s$.

October	23	−10 55 35.30
	25	34.69

SANTINI, 1635, $23^h\ 21^m\ 54^s$.

October	24	+ 5 16 38.70
November	9	38.38

WEISSE XXIII, 449, $23^h\ 22^m\ 16^s$.

November	28	+ 0 20 15.70

B. A. C. 8194, $23^h\ 23^m\ 50^s$.

September	21	−22 11 48.00
	25	48.30

B. A. C. 8196, $23^h\ 23^m\ 57^s$.

September	29	−22 4 32.32

SANTINI, 1636, $23^h\ 24^m\ 35^s$.

November	27	+ 6 15 34.48
December	1	33.80

WEISSE XXIII, 534, $23^h\ 26^m\ 14^s$.

October	5	+ 5 8 11.13
	19	10.90

WEISSE XXIII, 602, $23^h\ 29^m\ 11^s$.

October	9	+ 5 5 13.46
	11	14.93
	19	15.72

WEISSE O, 245, $0^h\ 14^m\ 40^s$.

1855.		
December	6	+ 5 6 46.36

WEISSE O, 450, $0^h\ 26^m\ 56^s$.

October	15	+ 5 11 3.91
November	22	5.47

WEISSE O, 476, $0^h\ 28^m\ 16^s$.

November	27	+ 7 22 32.03

β CETI, $0^h\ 36^m\ 34^s$.

November	22	−18 45 17.67

WEISSE O, 638, $0^h\ 37^m\ 12^s$.

		° ′ ″
1855.		
November	27	+ 7 3 34.20
	29	34.35

WEISSE O, 680, $0^h\ 39^m\ 39^s$.

November	30	+ 7 32 30.04

B. A. C. 221, $0^h\ 41^m\ 3^s$.

January	10	+ 4 33 36.51
November	19	38.30

WEISSE O, 732, $0^h\ 42^m\ 46^s$.

November	27	− 0 59 14.60

WEISSE O, 806, $0^h\ 46^m\ 28^s$.

November	22	+ 1 8 59.11
	30	57.79

WEISSE O, 808, $0^h\ 46^m\ 35^s$.

January	10	+ 6 30 54.96
November	24	54.96

WEISSE O, 815, $0^h\ 47^m\ 4^s$.

November	29	− 2 15 44.48

(*), $0^h\ 47^m\ 41^s$.

November	29	− 2 19 2.01

WEISSE O, 893, $0^h\ 51^m\ 50^s$.

December	5	+ 1 54 9.68

WEISSE O, 925, $0^h\ 53^m\ 27^s$.

November	22	+ 7 56 49.21

WEISSE O, 931, $0^h\ 58^m\ 48^s$.

November	30	+ 8 1 4.63

WEISSE O, 950, $0^h\ 54^m\ 39^s$.

November	24	+ 9 20 8.56
	27	9.03

WEISSE O, 965, $0^h\ 55^m\ 25^s$.

November	19	+ 8 22 50.77
	29	49.32

WEISSE O, 972, $0^h\ 55^m\ 46^s$.

December	5	+ 9 30 9.48
	6	9.67

WEISSE O, 980, $0^h\ 56^m\ 15^s$.

November	24	+ 9 21 25.07
	27	25.65
December	5	25.46
	6	26.10

WEISSE O, 1076, $1^h\ 1^m\ 3^s$.

		° ′ ″
1855.		
November	30	+10 6 35.66

B. A. C. 328, $1^h\ 1^m\ 10^s$.

November	19	+ 4 54 31.75
	22	30.57

WEISSE O, 1079, $1^h\ 1^m\ 11^s$.

November	30	+10 8 40.18

POLARIS, $1^h\ 8^m\ 2^s$.

January	10	+88 33 46.55
	17	47.43

POLARIS, S. P., $1^h\ 8^m\ 2^s$.

April	7	+88 33 48.27
	12	47.55
	16	47.65
	17	49.54
	27	48.24
May	4	47.81
	8	48.31
	10	48.71
	11	47.85
	17	49.49
June	12	49.50

B. A. C. 368, $1^h\ 6^m\ 25^s$.

November	24	+ 6 50 3.22
	27	3.54

B. A. C. 369, $1^h\ 6^m\ 26^s$.

November	24	+ 6 50 13.51
	27	13.70

B. A. C. 373, $1^h\ 7^m\ 25^s$.

December	5	+ 6 15 14.18
	6	14.51

B. A. C. 374, $1^h\ 7^m\ 41^s$.

November	22	− 1 43 24.41
	29	24.95

WEISSE I, 144, $1^h\ 10^m\ 19^s$.

November	30	+12 49 7.00

B. A. C. 400, $1^h\ 12^m\ 39^s$.

December	5	− 1 14 41.87

WEISSE I, 206, $1^h\ 13^m\ 44^s$.

November	24	− 2 2 45.90
	27	47.47
December	6	46.30

θ^1 CETI, $1^h\ 17^m\ 2^s$.

January	17	− 8 54 24.21
November	19	22.06

Hosted by Google

WEISSE I, 336, $1^h\ 20^m\ 25^s$.

1855.	° ′ ″
January 10	+ 8 3 7.63

(* 61) W., $1^h\ 20^m\ 35^s$.

November 22	+ 8 18 14.39
30	14.34

(*), $1^h\ 21^m\ 9^s$.

November 27	+13 55 56.00
29	56.91

WEISSE I, 375, $1^h\ 22^m\ 44^s$.

November 24	− 0 21 1.39
December 5	1.76

RUMKER 331, $1^h\ 25^m\ 0^s$.

November 30	− 3 51 4.56
December 6	4.43

WEISSE (2) I, 575, $1^h\ 26^m\ 30^s$.

November 27	+15 3 2.90
29	3.03

WEISSE I, 504, $1^h\ 30^m\ 47^s$.

November 30	+ 3 22 18.77
December 5	19.28
6	19.16

SANTINI 91, $1^h\ 31^m\ 6^s$.

January 17	+ 1 52 19.93
November 22	20.96

WEISSE I, 540, $1^h\ 31^m\ 43^s$.

December 5	+ 3 24 37.90
6	37.20

B. A. C. 495, $1^h\ 31^m\ 43^s$.

November 19	+15 54 50.35
24	48.96

WEISSE I, 598, $1^h\ 33^m\ 53^s$.

November 29	+ 9 24 24.02

WEISSE I, 600, $1^h\ 33^m\ 54^s$.

November 29	+ 9 24 10.07

WEISSE I, 628, $1^h\ 34^m\ 56^s$.

November 27	+ 3 43 21.16

(*), $1^h\ 39^m\ 50^s$.

November 30	+ 0 17 8.89
December 6	9.33

WEISSE I, 725, $1^h\ 40^m\ 25^s$.

January 17	− 3 36 37.90
November 24	37.30

WEISSE I, 740, $1^h\ 41^m\ 42^s$.

1855.	° ′ ″
January 10	+11 41 32.20

WEISSE I, 755, $1^h\ 42^m\ 50^s$.

November 30	+ 0 17 24.90
December 6	24.61

WEISSE I, 775, $1^h\ 43^m\ 43^s$.

November 29	+14 3 36.85

WEISSE I, 778, $1^h\ 43^m\ 44^s$.

November 22	+ 3 31 38.43
December 5	37.88

WEISSE I, 847, $1^h\ 47^m\ 33^s$.

January 17	+ 2 42 13.79

WEISSE I, 860, $1^h\ 48^m\ 21^s$.

November 24	+ 2 53 26.64

WEISSE I, 942, $1^h\ 53^m\ 15^s$.

January 10	− 4 2 53.29
November 29	52.01

WEISSE I, 943, $1^h\ 53^m\ 10^s$.

January 3	+12 42 17.24
22	17.71

WEISSE I, 963, $1^h\ 54^m\ 23^s$.

November 30	+ 3 22 27.82
December 5	28.69

(*), $1^h\ 55^m\ 38^s$.

December 5	+ 3 25 15.85

WEISSE I, 1042, $1^h\ 58^m\ 56^s$.

January 10	+12 47 32.21
November 30	31.92

α ARIETIS, $1^h\ 59^m\ 17^s$.

November 24	+22 47 55.71
27	55.61
December 6	55.29

B. A. C. 663, $2^h\ 2^m\ 23^s$.

January 22	+ 3 34 5.53

O. ARG. N. 2443, $2^h\ 2^m\ 51^s$.

January 3	+48 56 9.59

O. ARG. N. 2462, $2^h\ 3^m\ 38^s$.

November 29	+49 7 18.60
December 6	19.30

WEISSE II, 64, $2^h\ 5^m\ 27^s$.

1855.	° ′ ″
January 10	+13 35 2.40
December 5	1.89

O. ARG. N. 2546, $2^h\ 6^m\ 36^s$.

November 29	+49 2 45.96
December 6	46.02

WEISSE II, 81, $2^h\ 6^m\ 47^s$.

November 24	+ 7 22 50.23

RUMKER 568, $2^h\ 7^m\ 41^s$.

November 30	+17 15 50.18

WEISSE II, 112, $2^h\ 8^m\ 29^s$.

November 27	+ 4 59 51.97

WEISSE II, 143, $2^h\ 10^m\ 27^s$.

January 17	+13 49 5.19

WEISSE II, 144, $2^h\ 10^m\ 32^s$.

January 22	+12 46 52.83

WEISSE II, 182, $2^h\ 12^m\ 37^s$.

January 3	+13 39 10.68
10	11.40

WEISSE II, 209, $2^h\ 13^m\ 53^s$.

November 24	+13 17 34.36
December 5	34.59

B. A. C. 741, $2^h\ 17^m\ 2^s$.

January 22	+ 9 4 43.87

B. A. C. 744, $2^h\ 17^m\ 35^s$.

November 29	+66 46 10.88
December 6	12.52

WEISSE (2) II, 444, $2^h\ 19^m\ 3^s$.

November 30	+22 14 47.48

WEISSE (2) II, 449, $2^h\ 19^m\ 16^s$.

November 30	+22 16 18.36

WEISSE II, 305, $2^h\ 19^m\ 15^s$.

January 10	+ 9 56 0.52
17	0.21

WEISSE II, 333, $2^h\ 20^m\ 49^s$.

December 5	+ 5 25 40.46

RUMKER 654, $2^h\ 25^m\ 37^s$.

January 22	+19 49 11.24

B. A. C. 789, $2^h\ 27^m\ 39^s$.

1855.	° ′ ″
January 30	+ 6 51 36.89

WEISSE II, 470, $2^h\ 28^m\ 32^s$.

November 24	+14 32 13.88
December 5	12.85
6	14.36

WEISSE (2) II, 691, $2^h\ 28^m\ 49^s$.

January 10	+20 5 20.58
17	19.85

WEISSE II, 479, $2^h\ 29^m\ 1^s$.

November 24	+14 34 7.78
December 5	5.28
6	5.56

B. A. C. 800, $2^h\ 29^m\ 10^s$.

December 18	+ 7 7 6.68

WEISSE (2) II, 860, $2^h\ 35^m\ 44^s$.

January 10	+20 33 1.66
30	2.29

γ CETI, $2^h\ 36^m\ 3^s$.

January 22	+ 2 38 38.62
November 24	38.17
29	38.97
30	38.49
December 5	39.47

RUMKER 695, $2^h\ 36^m\ 50^s$.

January 17	+21 1 10.61
December 6	11.79

WEISSE II, 790, $2^h\ 46^m\ 15^s$.

January 30	+ 8 45 44.56

RUMKER 742, $2^h\ 47^m\ 26^s$.

January 10	+22 21 47.78
17	47.74

WEISSE (2) II, 1148, $2^h\ 47^m\ 50^s$.

December 5	+25 31 19.01

WEISSE II, 855, $2^h\ 49^m\ 27^s$.

December 6	+14 34 4.33

WEISSE II, 866, $2^h\ 49^m\ 40^s$.

January 19	− 6 49 13.38
30	13.43

WEISSE II, 881, $2^h\ 50^m\ 55^s$.

December 6	+14 35 29.61

Hosted by Google

α Ceti, 2h 54m 58s.

1855.	° ′ ″
January 10	+ 3 32 17.89
November 29	17.64
30	17.95
December 5	19.30

Weisse II, 967, 2h 55m 20s.

January 17	+ 7 55 10.48
30	12.06

Weisse II, 970, 2h 55m 13s.

December 18	− 7 2 35.44

Weisse II, 1037, 2h 58m 54s.

December 6	+14 13 49.46

Weisse III, 1, 3h 1m 56s.

January 17	+ 8 8 36.36
19	37.27

Weisse (2) III, 45, 3h 3m 13s.

December 20	+16 46 10.83

Weisse III, 35, 3h 3m 34s.

January 10	+ 8 11 25.82
30	26.83

Weisse (2) III, 75, 3h 4m 25s.

November 24	+16 46 14.32
December 20	14.74

Weisse III, 62, 3h 5m 5s.

November 29	+ 8 3 52.93
30	52.48

Weisse III, 98, 3h 6m 22s.

December 6	+ 9 55 49.12
18	49.24

Weisse III, 114, 3h 7m 17s.

November 30	+11 54 32.72

Weisse (2) III, 196, 3h 9m 18s.

January 17	+17 3 18.42
19	19.00

Weisse III, 172, 3h 10m 34s.

November 24	+12 18 33.53
29	32.62

Weisse III, 205, 3h 12m 10s.

December 18	+12 51 59.20

(*), 3h 13m 59s.

November 30	+ 8 51 19.69

Weisse III, 251, 3h 14m 17s.

1855.	° ′ ″
January 10	+ 8 43 42.11
22	42.30
30	42.04

Weisse (2) III, 351, 3h 16m 43s.

December 20	+24 54 21.52

Weisse III, 299, 3h 17m 39s.

January 17	+ 9 11 38.56
19	40.02

Weisse III, 306, 3h 17m 58s.

December 18	+13 7 30.72

ξ Tauri, 3h 19m 35s.

January 17	+ 9 14 31.22
19	32.29

(*), 3h 21m 50s.

January 10	+ 9 28 17.74

Weisse III, 447, 3h 25m 35s.

December 18	+13 18 27.04
20	27.75

Weisse III, 474, 3h 26m 48s.

January 17	+13 42 8.73
December 6	9.93

(*), 3h 29m 45s.

January 22	+27 40 43.75

Weisse (2) III, 639, 3h 30m 7s.

January 10	+18 53 53.09

Rumker 940, 3h 34m 24s.

January 17	+14 20 23.56
30	24.63

η Tauri, 3h 39m 10s.

January 10	+23 40 9.07
19	8.99
December 6	8.74
20	9.29

Weisse III, 752, 3h 39m 41s.

December 18	+12 4 19.42

Weisse (2) III, 881, 3h 39m 48s.

December 7	+26 9 15.57

Weisse III, 774, 3h 41m 0s.

January 17	+15 9 9.42
29	10.10

Weisse (2) III, 931, 3h 42m 15s.

1855.	° ′ ″
January 30	+26 38 56.40

Rumker 1023, 3h 46m 28s.

January 10	+16 12 21.94

Weisse (2) III, 1013, 3h 46m 34s.

December 6	+19 41 10.56
7	11.36

Weisse (2) III, 1019, 3h 46m 51s.

December 6	+19 41 2.50
7	2.01

Weisse III, 924, 3h 47m 52s.

December 18	− 9 56 5.82

Weisse (2) III, 1030, 3h 47m 40s.

January 22	+35 35 30.34
29	30.28

Weisse (2) III, 1041, 3h 48m 27s.

January 17	+36 5 7.63

γ1 Eridani, 3h 51m 30s.

January 10	−13 54 32.56

Weisse (2) III, 1210, 3h 56m 40s.

January 19	+16 14 24.86
29	24.60

Weisse (2) III, 1212, 3h 56m 45s.

January 17	+20 28 15.79

Rumker 1079, 3h 57m 46s.

December 7	+15 21 16.45
18	16.52

Rumker 1084, 3h 58m 19s.

December 7	+15 18 58.40
18	57.10

Weisse IV, 21, 4h 2m 34s.

January 30	+ 7 19 41.86
December 11	41.88

Rumker 1104, 4h 3m 42s.

January 17	+28 4 10.21
19	9.77

46 Tauri, 4h 6m 2s.

January 29	+ 7 21 20.19
December 11	20.07
20	18.78

Weisse (2) IV, 152, 4h 8m 50s.

1855.	° ′ ″
December 18	+15 51 51.57

B. A. C. 1316, 4h 10m 6s.

January 17	+ 21 14 1.47
19	1.93

B. A. C. 1350, 4h 15m 23s.

December 11	+16 26 52.08

Weisse (2) IV, 326, 4h 15m 44s.

January 10	+21 12 40.47
29	41.23

Weisse (2) IV, 330, 4h 15m 56s.

December 20	+21 24 33.03

Weisse (2) IV, 351, 4h 16m 52s.

January 30	+29 12 6.17
December 3	7.08
18	6.42

B. A. C. 1366, 4h 17m 38s.

January 17	+15 37 3.04
19	3.74

θ1 Tauri, 4h 20m 34s.

January 17	+15 38 53.49
19	53.59

Lalande 8431, 4h 21m 5s.

December 20	−11 26 24.04

Lalande 8479, 4h 21m 12s

January 10	−11 22 2.76

Rumker 1235, 4h 24m 50s.

December 18	+15 42 19.23

Weisse (2) IV, 538, 4h 25m 18s.

December 3	+21 56 33.55

α Tauri, 4h 27m 53s.

January 30	+16 13 29.18
December 7	29.28
11	29.09

Weisse (2) IV, 606, 4h 28m 26s.

January 17	+27 38 12.11
December 20	11.32

Weisse (2) IV, 634, 4h 29m 38s.

January 19	+29 6 7.02

Hosted by Google

B. A. C. 1437, $4^h\ 31^m\ 16^s$.

1855.		° ′ ″
December	7	+15 38 15.39
	11	16.33

Weisse (2) IV, 719, $4^h\ 33^m\ 1^s$.

December	18	+22 21 12.99

Weisse IV, 806, $4^h\ 37^m\ 24^s$.

January	10	+ 2 56 43.05
	17	42.09

Weisse (2) IV, 886, $4^h\ 40^m\ 3^s$.

December	18	+24 29 30.39
	20	30.94

Weisse IV, 888, $4^h\ 41^m\ 37^s$.

January	29	− 1 36 23.96

Weisse (2) IV, 1079, $4^h\ 48^m\ 33^s$.

January	29	+29 57 1.67

Weisse (2) IV, 1098, $4^h\ 49^m\ 6^s$.

January	10	+29 54 12.93
	19	14.27
December	20	13.64

Weisse (2) IV, 1165, $4^h\ 51^m\ 45^s$.

December	3	+22 22 41.84

Weisse (2) IV, 1172, $4^h\ 52^m\ 8^s$.

December	3	+22 24 9.45

Weisse (2) IV, 1257, $4^h\ 55^m\ 37^s$.

January	19	+30 12 13.37

Weisse (2) IV, 1299, $4^h\ 57^m\ 11^s$.

January	10	+22 51 51.42
	29	51.21

(*), $5^h\ 3^m\ 20^s$.

January	19	+30 11 35.13

Weisse (2) V, 54, $5^h\ 3^m\ 40^s$.

December	3	+26 17 8.99
	18	8.28
	20	8.97
	30	9.52

Weisse (2) V, 111, $5^h\ 5^m\ 17^s$.

January	19	+30 13 49.77
	29	49.31

α Aurigæ, $5^h\ 6^m\ 21^s$.

January	17	+45 51 3.42

Weisse (2) V, 296, $5^h\ 11^m\ 6^s$.

1855.		° ′ ″
December	3	+26 6 32.24
	30	31.60

β Tauri, $5^h\ 17^m\ 27^s$.

January	19	+28 29 7.03
	29	6.70

Weisse (2) V, 513, $5^h\ 18^m\ 24^s$.

December	3	+26 27 30.11
	18	29.89
	30	29.74

Weisse (2) V, 630, $5^h\ 22^m\ 20^s$.

December	3	+26 28 20.94
	18	19.83
	30	20.30

Weisse (2) V, 660, $5^h\ 23^m\ 10^s$.

December	20	+26 34 32.56
	30	32.54

δ Orionis, $5^h\ 24^m\ 51^s$.

January	19	− 0 24 19.96

B. A. C. 1742, $5^h\ 26^m\ 54^s$.

January	29	+23 56 32.56
February	21	33.22

(*), $5^h\ 28^m\ 47^s$.

December	3	+26 33 44.05
	18	43.43
	30	45.00

Weisse (2) V, 912, $5^h\ 30^m\ 13^s$.

December	3	+26 31 57.08
	18	56.08
	20	56.44
	30	57.91

(*), $5^h\ 32^m\ 52^s$.

December	3	+26 32 18.30
	18	18.15
	20	18.26
	30	19.79

Weisse (2) V, 1180, $5^h\ 36^m\ 26^s$.

January	29	+31 15 39.93
February	21	39.16

(*), $5^h\ 45^m\ 25^s$.

December	30	+26 28 58.80

Weisse (2) V, 1534, $5^h\ 46^m\ 56^s$.

December	3	+26 26 60.71
	18	59.57
	30	59.63

α Orionis, $5^h\ 47^m\ 36^s$.

1855.		° ′ ″
December	20	+ 7 22 39.77

Weisse V, 1204, $5^h\ 47^m\ 36^s$.

January	29	−14 9 33.65
February	21	33.62

B. A. C. 1901, $5^h\ 50^m\ 2^s$.

March	1	−14 11 47.63

Rumker 1673, $5^h\ 54^m\ 45^s$.

December	3	+26 16 36.00
	18	35.98
	30	36.26

Rumker 1680, $5^h\ 55^m\ 9^s$.

December	3	+26 21 5.68
	18	5.77
	30	5.43

Weisse V, 1487, $5^h\ 58^m\ 11^s$.

March	1	−14 1 38.19

Weisse (2) VI, 12, $6^h\ 2^m\ 39^s$.

January	29	+31 11 51.90

Weisse VI, 264, $6^h\ 9^m\ 21^s$.

March	1	−14 23 5.88

μ Geminorum, $6^h\ 14^m\ 29^s$.

January	29	+22 34 53.87
February	21	53.54
	28	53.73

Weisse VI, 544, $6^h\ 18^m\ 39^s$.

March	1	−14 25 43.04
	10	42.37

Weisse VI, 809, $6^h\ 26^m\ 57^s$.

March	1	−14 42 40.16
	10	39.80

51 Cephei, $6^h\ 33^m\ 38^s$.

February	21	+87 14 53.93

51 Cephei, S. P., $6^h\ 33^m\ 39^s$.

September	10	+87 14 55.17

B. A. C. 2221, $6^h\ 40^m\ 28^s$.

February	21	−14 16 42.13
	28	42.18

Weisse VI, 1351, $6^h\ 44^m\ 24^s$.

February	21	−14 34 49.95
March	10	49.89

Weisse VI, 1589, $6^h\ 51^m\ 41^s$.

1855.		° ′ ″
March	10	−14 38 5.10

Weisse VI, 1618, $6^h\ 52^m\ 42^s$.

March	1	−14 46 23.88

ε Canis Majoris, $6^h\ 53^m\ 8^s$.

February	28	−28 47 2.02

Piazzi VI, 328, $6^h\ 59^m\ 10^s$.

February	21	−14 39 42.10
March	22	45.25

Weisse VII, 93, $7^h\ 4^m\ 0^s$.

March	1	−14 32 27.37
	22	28.45

Weisse VII, 300, $7^h\ 10^m\ 6^s$.

March	22	−14 37 45.00

Weisse VII, 316, $7^h\ 10^m\ 41^s$.

March	1	−14 36 5.25
	19	4.69

δ Geminorum, $7^h\ 11^m\ 46^s$.

February	21	+22 14 12.72

(*), $7^h\ 18^m\ 43^s$.

March	1	−14 36 37.81
	10	37.02
	19	37.29
	22	37.92

B. A. C. 2463, $7^h\ 19^m\ 58^s$.

February	21	+27 49 57.16

Weisse VII, 835, $7^h\ 27^m\ 22^s$.

March	1	−14 13 24.75

Weisse VII, 871, $7^h\ 28^m\ 30^s$.

March	19	−14 38 40.83
	22	42.96

Weisse VII, 924, $7^h\ 29^m\ 38^s$.

March	1	−14 11 8.02

Weisse (2) VII, 874, $7^h\ 30^m\ 0^s$.

February	21	+21 46 32.73

(*), $7^h\ 31^m\ 57^s$.

February	21	+21 46 9.23

β Geminorum, $7^h\ 36^m\ 45^s$.

March	22	+28 21 39.87

Hosted by Google

WEISSE VII, 1182, $7^h\ 39^m\ 7^s$.

1855.		° ′ ″
March	1	−14 21 12.11
	10	10.78
	19	11.09

(*), $7^h\ 45^m\ 55^s$.

March	1	+20 32 31.49

(*), $7^h\ 50^m\ 20^s$.

February	28	+60 47 47.19
March	22	49.92
April	3	48.87

RUMKER 2390, $7^h\ 56^m\ 50^s$.

March	1	+36 40 6.06

O. ARG. N. 8586, $7^h\ 58^m\ 13^s$.

February	28	+60 43 35.53
March	22	35.83
April	3	37.81

(*), $7^h\ 59^m\ 44^s$.

March	22	+60 44 17.28
April	3	17.30

LALANDE 16130, $8^h\ 7^m\ 56^s$.

March	1	+19 7 8.10
April	2	9.08

WEISSE (2) VIII, 309, $8^h\ 14^m\ 6^s$.

March	1	+15 12 35.95
	19	37.84
April	3	37.03

RUMKER 2533, $8^h\ 21^m\ 21^s$.

March	19	+20 53 29.32
April	2	28.77

O. ARG. N. 9050, $8^h\ 22^m\ 16^s$.

April	3	+55 49 32.87

WEISSE VIII, 618, $8^h\ 24^m\ 28^s$.

February	28	+13 16 22.60
March	1	22.16

WEISSE VIII, 736, $8^h\ 28^m\ 46^s$.

March	19	+12 20 15.34
	22	15.82

WEISSE VIII, 828, $8^h\ 32^m\ 13^s$.

March	1	+12 2 1.53
April	2	0.97

WEISSE VIII, 999, $8^h\ 39^m\ 7^s$.

February	28	+11 27 38.84
March	1	37.93

ε HYDRÆ, $8^h\ 39^m\ 22^s$.

1855.		° ′ ″
April	16	+ 6 55 48.16

WEISSE VIII, 1012, (1st *,) $8^h\ 39^m\ 33^s$.

March	19	+11 40 24.63

WEISSE VIII, 1012, (2d *,) $8^h\ 39^m\ 33^s$.

March	19	+11 40 10.64
	22	10.97

LALANDE 17647, $8^h\ 49^m\ 11^s$.

March	1	−13 30 27.02
	19	26.91
	22	27.22
April	3	27.51

ι URSÆ MAJORIS, $8^h\ 49^m\ 36^s$.

April	16	+48 35 16.96

WEISSE VIII, 1367, $8^h\ 53^m\ 25^s$.

April	2	+ 9 5 37.12

WEISSE VIII, 1529, $9^h\ 0^m\ 35^s$.

March	1	−12 44 49.63
	19	49.00
April	3	49.02
	16	50.08

WEISSE (2) IX, 160, $9^h\ 8^m\ 38^s$.

March	c	+25 13 9.36
	19	9.89
April	16	8.89

WEISSE (2) IX, 172, $9^h\ 9^m\ 15^s$.

March	29	+24 14 14.63
April	2	15.54
	3	15.42

WEISSE (2) IX, 377, $9^h\ 18^m\ 8^s$.

March	1	+23 14 49.04
	19	48.85

WEISSE (2) IX, 383, $9^h\ 18^m\ 20^s$.

April	2	+23 14 47.82

WEISSE (2) IX, 478, $9^h\ 23^m\ 5^s$.

March	29	+21 54 13.36
April	3	14.10

WEISSE (2) IX, 486, $9^h\ 23^m\ 28^s$.

April	16	+25 1 41.81

WEISSE (2) IX, 650, $9^h\ 30^m\ 46^s$.

March	29	+21 46 54.52

(*), $9^h\ 31^m\ 4^s$.

1855.		° ′ ″
March	1	+10 15 19.62
April	3	19.77

WEISSE (2) IX, 662, $9^h\ 31^m\ 21^s$.

March	29	+21 49 40.35

LALANDE 19134, $9^h\ 37^m\ 49^s$.

April	2	+ 9 31 30.46
	3	30.76

ε LEONIS, $9^h\ 37^m\ 54^s$.

February	28	+24 25 0.18
March	19	25 0.78
April	27	24 59.54

WEISSE IX, 887, $9^h\ 40^m\ 50^s$.

March	29	+11 12 24.76

WEISSE IX, 1011, $9^h\ 47^m\ 17^s$.

April	2	+ 7 44 43.09
	3	41.72

WEISSE IX, 1035, $9^h\ 48^m\ 32^s$.

April	7	+ 8 20 24.11
	16	24.01

WEISSE (2) IX, 1086, $9^h\ 51^m\ 24^s$.

April	27	+42 59 10.24

WEISSE IX, 1259, $9^h\ 59^m\ 6^s$.

April	27	+13 27 46.08

RUMKER 3069, $10^h\ 0^m\ 45^s$.

April	16	+12 40 45.41

α LEONIS, $10^h\ 0^m\ 55^s$.

March	1	+12 39 0.52
April	2	1.13
	7	1.31

WEISSE X, 74, $10^h\ 5^m\ 51^s$.

April	3	+ 6 11 12.96

RUMKER 3106, $10^h\ 7^m\ 41^s$.

March	29	+12 22 5.11
April	2	6.05

WEISSE X, 224, $10^h\ 13^m\ 41^s$.

April	7	− 4 40 45.11
	16	45.14

WEISSE X, 229, $10^h\ 14^m\ 3^s$.

April	7	− 4 42 47.19
	16	45.80

RUMKER 3172, $10^h\ 17^m\ 32^s$.

1853.		° ′ ″
March	29	+11 34 45.71
April	2	46.34

WEISSE X, 315, $10^h\ 18^m\ 52^s$.

April	3	+ 4 38 34.92

WEISSE (2) X, 374, $10^h\ 19^m\ 19^s$.

April	16	+17 55 59.12

WEISSE (2) X, 412, $10^h\ 21^m\ 9^s$.

May	4	+17 50 47.65
	5	47.11

RUMKER 3209, $10^h\ 22^m\ 11^s$.

April	12	+17 41 41.99

(*), $10^h\ 27^m\ 21^s$.

March	29	− 9 10 37.69
April	2	38.39

WEISSE X, 538, $10^h\ 30^m\ 30^s$.

April	3	−10 19 5.48
	12	5.05
	16	6.16

WEISSE X, 548, $10^h\ 30^m\ 48^s$.

April	3	−10 19 24.09
	12	23.91
	16	24.41

WEISSE (2) X, 660, $10^h\ 32^m\ 34^s$.

April	27	+28 15 13.38
May	4	13.42
	5	13.13

WEISSE (2) X, 693, $10^h\ 34^m\ 26^s$.

March	29	+37 15 0.89
April	2	0.78

WEISSE (2) X, 830, $10^h\ 41^m\ 21^s$.

April	16	+36 38 49.67
May	4	48.32
	5	49.72

WEISSE X, 860, $10^h\ 47^m\ 29^s$.

April	27	+ 6 35 32.08
May	4	32.08
	5	31.85

WEISSE X, 879, $10^h\ 48^m\ 33^s$.

March	29	−14 31 29.99
April	3	30.46
	7	29.45

Hosted by Google

α URSÆ MAJORIS, 10h 55m 3s.

1855.		° ′ ″
May	8	+62 30 20.01

α URSÆ MAJORIS, S. P., 10h 55m 3s.

September	1	+62 30 19.21
	8	17.52
	11	20.96
	17	19.26
	27	20.32
October	4	20.61
	6	22.55
	9	18.21
	10	20.42
	15	19.93
	16	21.18

WEISSE (2) X, 1123, 10h 56m 19s.

March	29	+34 58 37.55
April	2	39.32
	16	37.87

(*), 10h 57m 40s.

April	27	+34 33 5.42
May	4	4.86
	5	5.01

WEISSE (2) XI, 6, 11h 2m 18s.

April	7	+33 17 22.39
	12	21.98
	16	22.20

WEISSE (2) XI, 58, 11h 4m 32s.

April	27	+33 22 31.25
May	8	31.27

WEISSE (2) XI, 90, 11h 5m 43s.

April	17	+34 12 25.12
May	10	25.11

δ LEONIS, 11h 6m 39s.

March	29	+21 17 25.48
April	2	25.86
	3	24.07

(*), 11h 8m 40s.

April	16	+12 22 14.41
May	8	15.49

B. A. C. 3851, 11h 10m 43s.

April	7	+32 18 59.73
May	10	58.79

δ CRATERIS, 11h 12m 21s.

March	29	−14 1 16.42
April	2	16.01
	3	16.26

WEISSE XI, 217, 11h 13m 30s.

April	27	−11 54 29.90
May	8	29.71

LALANDE 21645, 11h 14m 30s.

April	16	−11 56 2.21
May	1	2.53
	8	1.33

WEISSE (2) XI, 312, 11h 17m 13s.

1855.		° ′ ″
April	17	+31 46 37.14

B. A. C. 3888, 11h 18m 38s.

April	7	+ 4 37 50.58
	12	50.30

B. A. C. 3915, 11h 23m 10s.

May	10	+19 10 49.45

RUMKER 3615, 11h 24m 13s.

May	11	+18 31 22.80

RUMKER 3636, 11h 26m 51s.

April	27	+15 39 59.76
May	1	40 0.20

WEISSE (2) XI, 490, 11h 26m 52s.

April	16	+22 47 47.74
	17	48.05

WEISSE XI, 466, 11h 27m 33s.

May	4	− 4 49 0.99
	10	1.02

WEISSE XI, 468, 11h 27m 37s.

April	7	− 4 10 51.08
	12	50.55

WEISSE (2) XI, 592, 11h 31m 9s.

May	5	+20 52 31.07

RUMKER 3697, 11h 34m 48s.

April	16	+22 59 22.47
	27	21.34

WEISSE XI, 618, 11h 35m 40s.

May	1	− 5 38 22.95
	4	22.73

RUMKER 3715, 11h 36m 33s.

April	7	+17 5 54.68
	12	55.24

WEISSE XI, 641, 11h 36m 58s.

May	11	−14 40 45.36
	17	45.13

WEISSE (2) XI, 746, 11h 38m 4s.

April	3	+20 40 5.43
May	10	5.58

WEISSE (2) XI, 788, 11h 40m 23s.

May	5	+20 48 37.24
	8	37.80

WEISSE (2) XI, 838, 11h 42m 52s.

1855.		° ′ ″
May	4	+18 39 47.24

CARRINGTON 1762, 11h 44m 40s.

April	16	+86 59 59.45
	27	57.08

WEISSE (2) XI, 889, 11h 45m 58s.

April	3	+17 37 43.84
	7	43.59
	12	43.41

γ URSÆ MAJORIS, 11h 46m 27s.

May	11	+54 28 22.49
	25	21.62

WEISSE (2) XI, 1011, 11h 51m 54s.

April	17	+24 41 10.63
	20	11.72
May	4	10.85
	17	11.36

WEISSE XI, 947, 11h 55m 36s.

April	7	+ 8 36 12.74
	16	13.31
	27	11.94

WEISSE (2) XI, 1110, 11h 56m 51s.

April	12	+19 35 52.20
	18	51.46
	20	51.32

WEISSE XI, 1023, 12h 0m 34s.

May	5	+ 7 32 52.07
	8	51.34

WEISSE (2) XI, 1206, 12h 0m 54s.

April	17	+24 28 53.01
May	1	54.60
	4	52.61

B. A. C. 4096, 12h 2m 56s.

May	17	+ 6 35 8.37
	25	8.23

WEISSE XII, 53, 12h 4m 50s.

April	16	+ 6 7 18.11
	20	16.46

WEISSE XII, 63, 12h 5m 9s.

May	5	+ 6 39 12.51
	17	12.55

WEISSE XII, 91, 12h 6m 57s.

April	27	+ 5 46 42.57
May	1	43.04

WEISSE XII, 119, 12h 8m 51s.

May	11	+ 8 13 29.83

WEISSE XII, 130, 12h 9m 19s.

1855.		° ′ ″
May	10	+ 8 7 59.34
	17	59.44

WEISSE XII, 149, 12h 10m 35s.

April	17	+ 8 26 34.97
May	4	35.28
	8	34.89

(*), 12h 12m 17s.

April	7	+ 7 46 11.81
	16	11.33

RUMKER 3911, 12h 12m 48s.

May	5	+ 6 26 55.10
	25	55.41

WEISSE (2) XII, 356, 12h 17m 29s.

April	27	+22 56 43.71
May	1	44.14
	10	43.50

RUMKER 3966, 12h 18m 47s.

April	12	+ 4 58 33.20
	17	32.26
May	11	32.63

CARRINGTON 1849, 12h 19m 26s.

May	4	+86 4 58.81
	8	58.26

WEISSE (2) XII, 424, 12h 20m 35s.

April	16	+25 0 10.47
May	5	10.34

WEISSE (2) XII, 478, 12h 22m 57s.

May	25	+25 6 51.16

WEISSE (2) XII, 526, 12h 25m 8s.

April	27	+21 41 34.50
May	1	35.87

WEISSE XII, 433, 12h 26m 28s.

May	10	+ 3 41 5.83
	11	4.42

WEISSE (2) XII, 556, 12h 26m 35s.

May	26	+25 3 21.96

WEISSE (2) XII, 581, 12h 27m 32s.

April	27	+21 40 23.23
May	1	24.71

WEISSE XII, 463, 12h 28m 8s.

May	5	+ 3 1 52.08
	8	51.92

Hosted by Google

WEISSE XII, 513, $12^h\ 31^m\ 14^s$.

1855.		° ′ ″
April	17	+ 2 37 33.54
	20	33.39

WEISSE XII, 519, $12^h\ 31^m\ 32^s$.

May	4	+14 34 38.49

WEISSE XII, 564, $12^h\ 34^m\ 23^s$.

May	17	+ 2 45 58.06

WEISSE XII, 580, $12^h\ 35^m\ 0^s$.

April	17	+14 55 39.95
May	11	40.09

WEISSE XII, 638, $12^h\ 38^m\ 10^s$.

May	1	+ 1 49 28.33
	5	28.47

WEISSE XII, 661, $12^h\ 39^m\ 23^s$.

April	20	− 0 3 20.51
May	4	20.52

WEISSE XII, 668, $12^h\ 39^m\ 51^s$.

May	8	− 8 26 53.18
	10	53.06

RUMKER 4137, $12^h\ 41^m\ 45^s$.

May	8	− 8 27 16.08
	10	16.42

(*), $12^h\ 41^m\ 46^s$.

April	16	+18 29 59.43

WEISSE XII, 706, $12^h\ 41^m\ 48^s$.

May	17	+14 48 3.67

WEISSE (2) XII, 877, $12^h\ 43^m\ 18^s$.

April	7	+18 25 0.74
	16	24 59.98

WEISSE XII, 757, $12^h\ 44^m\ 42^s$.

May	11	+ 0 50 56.53

WEISSE XII, 764, $12^h\ 45^m\ 17^s$.

May	5	+ 0 59 30.14

WEISSE XII, 803, $12^h\ 47^m\ 34^s$.

May	1	− 9 40 26.09

WEISSE XII, 818, $12^h\ 48^m\ 29^s$.

May	4	+ 0 48 54.61
	8	54.46
	10	54.14

α CANUM VENATICORUM, $12^h\ 49^m\ 28^s$.

1855.		° ′ ″
April	7	+39 4 30.68
	12	31.13
	17	30.61
	27	30.29
May	4	31.09
	12	30.12

LALANDE 24193, $12^h\ 52^m\ 44^s$.

April	16	+ 0 31 34.05
	20	33.74

WEISSE XII, 918, $12^h\ 54^m\ 5^s$.

May	11	−10 24 1.81

WEISSE XII, 929, $12^h\ 54^m\ 26^s$.

May	4	+13 55 22.52
	5	22.97
	25	23.58

WEISSE XII, 933, $12^h\ 54^m\ 44^s$.

May	17	+13 55 43.48

RADCLIFFE 2959, $12^h\ 58^m\ 50^s$.

April	20	+83 41 18.22
May	1	19.00
	5	18.95

WEISSE XII, 1047, $13^h\ 1^m\ 7^s$.

May	8	+12 56 37.11
	10	37.50

WEISSE XIII, 69, $13^h\ 5^m\ 35^s$.

May	25	+12 18 6.19
June	4	7.68

WEISSE XIII, 104, $13^h\ 7^m\ 32^s$.

April	20	+12 4 34.66
May	1	35.26

WEISSE XIII, 181, $13^h\ 11^m\ 43^s$.

May	11	− 1 47 32.43

WEISSE XIII, 208, $13^h\ 13^m\ 7^s$.

May	4	+10 44 15.07
	5	15.47

WEISSE XIII, 268, $13^h\ 17^m\ 11^s$.

May	17	+ 0 25 0.22

α VIRGINIS, $13^h\ 17^m\ 49^s$.

April	12	−10 25 44.75
	16	45.18
	17	45.94
	27	45.80
May	8	45.54
	10	45.62
	25	44.65
June	12	46.20

WEISSE XIII, 294, $13^h\ 18^m\ 55^s$.

1855.		° ′ ″
May	1	− 2 55 52.19
	5	52.16

WEISSE XIII, 331, $13^h\ 21^m\ 10^s$.

May	11	+ 9 5 4.19
June	4	4.92

WEISSE XIII, 365, $13^h\ 22^m\ 59^s$.

April	17	+ 7 54 11.52
	25	12.61

WEISSE XIII, 413, $13^h\ 25^m\ 16^s$.

May	5	+ 7 4 19.94
	17	19.87

WEISSE XIII, 458, $13^h\ 27^m\ 41^s$.

April	20	+ 5 37 52.15
May	1	52.74

WEISSE XIII, 461, $13^h\ 27^m\ 55^s$.

May	10	+ 7 10 16.74
June	12	16.49

WEISSE XIII, 501, $13^h\ 30^m\ 7^s$.

May	11	− 4 5 15.71
June	4	15.43

WEISSE XIII, 512, $13^h\ 30^m\ 34^s$.

May	25	− 2 31 12.81
June	15	13.47

WEISSE XIII, 563, $13^h\ 33^m\ 9^s$.

May	10	− 4 32 6.80
	17	7.19

O. ARG. N. 13913, $13^h\ 36^m\ 40^s$.

April	20	+80 3 51.38
May	1	51.88
June	12	51.32

η URSÆ MAJORIS, $13^h\ 42^m\ 1^s$.

May	5	+50 0 49.00
	11	47.33
	17	46.58
	25	46.64
June	15	47.24

WEISSE XIII, 737, $13^h\ 43^m\ 16^s$.

May	10	+14 11 0.15
June	12	10 59.43

(*), $13^h\ 46^m\ 28^s$.

April	20	+77 50 55.18
	27	53.29

η BOOTIS, $13^h\ 48^m\ 1^s$.

1855.		° ′ ″
May	1	+19 6 4.05
	5	4.37
	17	3.11
	25	4.09
June	15	3.49

WEISSE XIII, 813, $13^h\ 48^m\ 3^s$.

May	11	−11 32 2.69

WEISSE XIII, 866, $13^h\ 50^m\ 57^s$.

May	4	−13 26 16.80
	10	16.86

WEISSE XIII, 974, $13^h\ 56^m\ 32^s$.

April	27	−14 48 37.82
May	5	37.32

WEISSE XIII, 979, $13^h\ 56^m\ 43^s$.

April	20	−11 27 17.00
May	1	17.68
	25	17.36

WEISSE XIII, 1037, $13^h\ 59^m\ 10^s$.

May	11	−13 25 34.01
	17	34.74

WEISSE XIII, 1071, $14^h\ 0^m\ 59^s$.

June	15	−11 9 44.11

O. ARG. S. 13471, $14^h\ 5^m\ 17^s$.

June	4	−15 23 27.71
	15	28.75

WEISSE XIV, 88, $14^h\ 6^m\ 13^s$.

April	27	− 8 28 47.27
May	11	46.22

LALANDE 26054, $14^h\ 6^m\ 30^s$.

May	17	−16 48 25.19
	25	23.80

O. ARG. S. 13501, $14^h\ 8^m\ 8^s$.

June	4	−15 25 39.95
	15	41.08

WEISSE XIV, 130, $14^h\ 8^m\ 32^s$.

June	12	− 8 43 25.41

α BOOTIS, $14^h\ 9^m\ 17^s$.

May	4	+19 54 46.59
June	14	46.42
	21	47.40

WEISSE XIV, 179, $14^h\ 11^m\ 6^s$.

June	12	− 8 45 38.80

LALANDE 26210, $14^h\ 13^m\ 20^s$.

May	10	−18 41 19.56

Hosted by Google

LALANDE 26293, $14^h\ 16^m\ 34^s$.

1855.		° ′ ″
April	27	−19 2 46.28
May	4	47.90
	25	46.42

RADCLIFFE 3200, $14^h\ 18^m\ 57^s$.

June	4	+47 24 17.61
	21	17.81

WEISSE XIV, 362, $14^h\ 20^m\ 8^s$.

May	11	− 1 6 29.31
	17	29.06

WEISSE XIV, 371, $14^h\ 20^m\ 46^s$.

May	10	− 1 8 15.00
	11	15.65
	17	15.37

B. A. C. 4798, $14^h\ 22^m\ 43^s$.

June	26	+ 1 27 16.65

WEISSE XIV, 445, $14^h\ 24^m\ 50^s$.

May	11	− 1 10 5.31
	17	4.88

RUMKER 4739, $14^h\ 26^m\ 47^s$.

May	4	+ 1 28 6.00
June	12	7.75
	21	6.20

B. A. C. 4814, $14^h\ 26^m\ 58^s$.

May	25	−19 49 21.47
June	14	22.10

B. A. C. 4869, $14^h\ 38^m\ 22^s$.

May	17	+ 1 18 38.34
	25	38.47

ε BOOTIS, $14^h\ 38^m\ 52^s$.

May	4	+27 39 58.77
	10	39 58.17
	11	40 0.21
June	4	39 59.51
	12	39 59.00
	14	40 0.22
	15	40 0.47
	21	39 59.74
	26	39 58.68

B. A. C. 4894, $14^h\ 42^m\ 57^s$.

June	21	−15 24 44.94

a^2 LIBRÆ, $14^h\ 43^m\ 8^s$.

May	25	−15 27 26.49
June	26	27.56

RUMKER 4840, $14^h\ 45^m\ 50^s$.

June	12	+ 1 18 31.08
	14	32.65
	15	32.97

WEISSE XIV, 872, $14^h\ 46^m\ 36^s$.

1855.		° ′ ″
May	11	+ 0 8 57.68
	17	57.25
June	4	57.20

WEISSE XIV, 874, $14^h\ 46^m\ 39^s$.

May	11	+ 0 10 16.36
	17	15.89
June	4	15.79

WEISSE XIV, 906, $14^h\ 48^m\ 24^s$.

June	14	+ 1 18 8.22
	15	7.86

WEISSE (2) XIV, 1154, $14^h\ 52^m\ 58^s$.

May	25	+43 58 29.82
June	26	30.01

WEISSE (2) XIV, 1183, $14^h\ 54^m\ 2^s$.

June	12	+43 53 48.75

WEISSE XIV, 1016, $14^h\ 54^m\ 42^s$.

June	4	−11 11 12.92

WEISSE XIV, 1118, $14^h\ 59^m\ 46^s$.

May	17	− 1 45 18.01
July	7	17.41

WEISSE XIV, 1121, $14^h\ 59^m\ 55^s$.

May	17	− 1 44 18.80
July	7	18.53

WEISSE XIV, 1142, $15^h\ 0^m\ 51^s$.

May	25	+ 0 29 3.28
June	26	2.48

WEISSE XIV, 1150, $15^h\ 1^m\ 20^s$.

June	12	−13 27 41.50

WEISSE XV, 79, $15^h\ 6^m\ 3^s$.

June	29	−13 29 47.51

WEISSE XV, 91, $15^h\ 6^m\ 35^s$.

June	15	−13 40 58.06
	21	59.35

β LIBRÆ, $15^h\ 9^m\ 29^s$.

May	11	− 8 51 48.23

WEISSE XV, 210, $15^h\ 12^m\ 37^s$.

June	4	−13 27 25.66
	12	26.99

WEISSE XV, 221, $15^h\ 13^m\ 21^s$.

June	21	−13 18 39.49
July	7	38.47

(*), $15^h\ 15^m\ 4^s$.

1855.		° ′ ″
June	21	−13 17 47.57
July	7	46.32

WEISSE XV, 265, $15^h\ 13^m\ 20^s$.

June	14	−13 50 46.16
	15	45.75

WEISSE XV, 281, $15^h\ 16^m\ 18^s$.

June	14	−13 48 30.46
	15	29.39

WEISSE XV, 287, $15^h\ 16^m\ 35^s$.

June	29	− 9 49 1.78

WEISSE XV, 400, $15^h\ 22^m\ 9^s$.

June	12	−14 19 43.28
	21	43.95

α CORONÆ BOREALIS, $15^h\ 28^m\ 46^s$.

June	4	+27 11 18.52
	26	16.90
	29	16.86
July	7	17.54
	16	17.28

LALANDE 28453, $15^h\ 30^m\ 44^s$.

June	12	−17 12 6.19
	14	6.84

WEISSE XV, 585, $15^h\ 31^m\ 28^s$.

June	15	− 1 19 28.29
	21	28.40

LALANDE 28607, $15^h\ 35^m\ 38^s$.

June	15	−10 28 19.82

LALANDE 28617, $15^h\ 36^m\ 1^s$.

June	26	−16 25 21.97

α SERPENTIS, $15^h\ 37^m\ 22^s$.

July	16	+ 6 52 7.62

LALANDE 28726, $15^h\ 39^m\ 19^s$.

June	21	−17 39 8.26

LALANDE 28766, $15^h\ 41^m\ 4^s$.

June	12	−18 16 15.33
	14	15.59

LALANDE 28835, $15^h\ 43^m\ 17^s$.

June	15	−10 33 48.12
	26	49.45

B. A. C. 5264, $15^h\ 46^m\ 56^s$.

June	14	−18 57 57.72

ζ URSÆ MINORIS, $15^h\ 49^m\ 9^s$.

1855.		° ′ ″
July	16	+78 13 23.27

WEISSE XV, 939, $15^h\ 49^m\ 45^s$.

June	21	− 2 34 46.16

LALANDE 29043, $15^h\ 50^m\ 58^s$.

June	12	−19 31 46.30
	15	46.90

LALANDE 29044, $15^h\ 51^m\ 9^s$.

June	12	−19 31 59.92
	15	59.84

WEISSE XV, 1011, $15^h\ 53^m\ 54^s$.

June	29	−10 52 52.55

GR. C. 1315, $15^h\ 54^m\ 56^s$.

June	26	−19 26 53.58
July	7	51.74

LALANDE 29208, $15^h\ 56^m\ 40^s$.

June	14	−11 28 6.78
	21	7.06

(*), $15^h\ 58^m\ 49^s$.

June	21	−11 31 23.78

β^1 SCORPII, $15^h\ 57^m\ 18^s$.

July	7	−19 25 8.35

LALANDE 29306, $15^h\ 59^m\ 12^s$.

June	15	−17 33 16.96
July	17	18.64

WEISSE XVI, 11, $16^h\ 2^m\ 17^s$.

June	26	− 3 10 25.87
	29	26.63

B. A. C. 5395, $16^h\ 5^m\ 27^s$.

June	14	−21 2 20.77
July	10	21.34

δ OPHIUCHI, $16^h\ 7^m\ 1^s$.

June	15	− 3 19 49.86
July	7	48.54

WEISSE XVI, 121, $16^h\ 7^m\ 18^s$.

July	17	−12 52 8.76

O. ARG. S. 15490, $16^h\ 10^m\ 23^s$.

June	29	−21 14 45.48

WEISSE XVI, 173, $16^h\ 10^m\ 0^s$.

June	21	−13 1 22.86
	26	24.38

Hosted by Google

LALANDE 29696, 16h 11m 27s.

1855.		° ′ ″
June	12	−18 29 5.31

WEISSE XVI, 19, 16h 2m 31s.

July	16	− 3 5 41.83

B. A. C. 5467, 16h 15m 55s.

June	14	−19 42 21.19
	15	19.78

O. ARG. N. 16117, 16h 15m 41s.

July	7	+71 10 48.20
	10	49.71

η DRACONIS, 16h 2m 6s.

June	26	+61 49 52.64

O. ARG. N. 16121, 16h 15m 45s.

July	14	+71 17 6.09
	17	5.16

α SCORPII, 16h 20m 50s.

June	12	−26 7 2.86

LALANDE 30099, 16h 26m 2s.

June	14	− 3 57 39.62
	29	38.98
July	7	38.26

GROOMBRIDGE 2356, 16h 26m 53s.

July	10	+71 41 46.93
	14	46.26
	16	46.82

(*), 16h 27m 48s.

July	17	− 4 7 25.66

LALANDE 30207, 16h 29m 56s.

June	26	−22 36 19.98
	29	20.34

B. A. C. 5580, 16h 33m 40s.

June	12	−19 39 8.55
	14	8.46
July	14	8.97

B. A. C. 5598, 16h 35m 25s.

June	21	−22 51 40.04
	29	41.48
July	7	40.10

B. A. C. 5606, 16h 36m 44s.

June	21	−22 55 9.18
	29	11.48
July	7	10.30

LALANDE 30479, 16h 38m 42s.

1855.		° ′ ″
June	15	−19 50 25.16
	26	24.91

LALANDE 30506, 16h 39m 33s.

July	16	−19 37 9.84

WEISSE XVI, 792, 16h 41m 44s.

June	12	− 4 53 52.24
	14	52.68

(*), 16h 41m 45s.

June	12	− 4 53 35.01
	14	34.93

LALANDE 30600, 16h 42m 40s.

June	21	−19 35 32.78
July	14	33.61
	16	32.79

LALANDE 30671, 16h 45m 5s.

June	29	− 4 54 42.96

B. A. C. 5680, 16h 46m 23s.

June	15	−23 16 42.60
	26	44.15

WEISSE XVI, 912, 16h 48m 13s.

June	29	− 4 56 21.37
July	7	19.73
	14	21.03

B. A. C. 5730, 16h 54m 59s.

June	15	−24 2 11.93
	21	11.59
	26	11.80

B. A. C. 5742, 16h 55m 56s.

June	15	−24 2 22.61
	21	20.51
	26	20.41

(*), 16h 56m 25s.

July	10	+73 8 11.41
	16	11.45
	17	10.63

GROOMBRIDGE 2411, 16h 59m 5s.

June	29	+73 20 16.58
July	7	16.62

GROOMBRIDGE 2418, 17h 3m 21s.

June	29	+73 23 23.42
July	7	22.46
	17	21.21

GROOMBRIDGE 2420, 17h 4m 16s.

July	10	+73 30 17.63
	16	17.38

α HERCULIS, 17h 8m 16s.

1855.		° ′ ″
June	14	+14 33 9.68
	15	10.95
July	7	10.80

B. A. C. 5827, 17h 9m 29s.

June	21	−24 7 48.70
	26	49.31

B. A. C. 5829, 17h 9m 29s.

June	21	−24 7 38.38
	26	38.74

LALANDE 31492, 17h 12m 56s.

July	14	− 5 21 42.66

θ OPHIUCHI, 17h 13m 25s.

July	16	−24 51 20.03
	17	21.50

WEISSE XVII, 254, 17h 15m 12s.

June	14	− 6 11 9.46
	26	10.62

WEISSE XVII, 409, 17h 22m 18s.

June	14	− 5 58 17.84
July	7	17.10
	10	17.56

MADRAS 1165, 17h 26m 56s.

June	29	−24 31 40.98
July	7	38.83
	14	40.02

α OPHIUCHI, 17h 28m 26s.

July	10	+12 39 54.89

LALANDE 32045, 17h 29m 18s.

July	16	−24 52 34.17
	17	34.19

LALANDE 32418, 17h 39m 0s.

June	29	−25 7 58.23
July	7	55.86
	14	57.32

WEISSE XVII, 787, 17h 40m 11s.

July	16	−13 33 7.57
	17	7.59

WEISSE XVII, 846, 17h 43m 16s.

June	29	−13 55 3.58
July	7	1.68
	10	4.43
	14	3.15

WEISSE XVII, 856, 17h 43m 43s.

July	14	−13 55 30.02

B. A. C. 6049, 17h 45m 20s.

1855.		° ′ ″
July	17	−10 51.42.16

WEISSE XVII, 966, 17h 48m 22s.

July	16	−15 9 20.67

MADRAS 1209, 17h 48m 45s.

September	1	−15 39 34.70

γ DRACONIS, 17h 53m 21s.

September	10	+51 30 23.22

LALANDE 32986, 17h 54m 4s.

July	10	−16 13 8.69
	14	9.17
	17	9.60

LALANDE 33178, 17h 59m 6s.

July	16	−16 40 2.14
September	1	2.89

(*), 17h 59m 37s.

July	15	−27 39 28.47

(*), 18h 2m 5s.

July	14	−17 13 34.61
	17	33.79

B. A. C. 6161, 18h 3m 11s.

July	10	−23 43 32.71
September	10	32.46

(*), 18h 6m 28s.

July	7	−17 23 54.51
September	1	55.74

(*), 18h 9m 1s.

September	1	−17 25 5.26
	8	6.55

O. ARG. S. 17975, 18h 9m 4s.

July	14	−23 38 7.62
	17	7.74

LALANDE 33684, 18h 11m 24s.

September	10	−23 22 5.68

LALANDE 33694, 18h 11m 40s.

July	10	−17 48 15.05

LALANDE 33966, 18h 18m 15s.

July	7	−18 9 43.23
	14	43.69

Hosted by Google

(*), $18^h\ 19^m\ 57^s$.

1855.		° ′ ″
July	17	−22 54 7.25
September	8	9.29
	10	7.42

LALANDE 34222, $18^h\ 24^m\ 2^s$.

July	7	−22 23 19.90
	16	20.98

LALANDE 34229, $18^h\ 24^m\ 19^s$.

September	8	−22 13 55.74

O. ARG. S. 18413, $18^h\ 26^m\ 52^s$.

September	8	−22 11 47.97

α LYRÆ, $18^h\ 32^m\ 12^s$.

July	7	+38 39 19.81
	10	20.30
	14	19.20
	16	20.84
	17	20.86
August	29	20.49

(* 36) W., $18^h\ 36^m\ 2^s$.

July	17	−18 53 52.86
September	8	54.13

O. ARG. S. 18683, $18^h\ 40^m\ 1^s$.

September	21	−22 13 47.32

(*), $18^h\ 41^m\ 4^s$.

September	12	−44 37 44.94
	17	45.30

O. ARG. S. 18749, $18^h\ 42^m\ 53^s$.

September	21	−22 10 40.02

O. ARG. S. 18765, $18^h\ 43^m\ 42^s$.

August	29	−22 4 52.92
September	8	55.00
	17	54.36

MADRAS 1304, $18^h\ 44^m\ 42^s$.

July	16	−19 17 1.82
	17	1.56

β LYRÆ, $18^h\ 44^m\ 55^s$.

July	14	+33 12 7.58

B. A. C. 6454, $18^h\ 49^m\ 12^s$.

September	22	−20 50 7.89
	24	8.01

O. ARG. S. 18916, $18^h\ 51^m\ 12^s$.

July	16	−22 0 54.50
August	29	(52.23)
September	8	54.71
	12	54.29
	17	54.52

(*), $18^h\ 52^m\ 44^s$.

1855.		° ′ ″
September	12	−22 2 7.20

LALANDE 35497, $18^h\ 54^m\ 58^s$.

July	14	−19 26 37.32
	17	36.98

B. A. C. 6507, $18^h\ 56^m\ 17^s$.

August	29	−21 56 33.23
September	8	35.02
	10	34.62

O. ARG. S. 19073, $18^h\ 58^m\ 39^s$.

July	16	−21 38 12.31
September	21	12.49
	22	12.51

ζ AQUILÆ, $18^h\ 58^m\ 58^s$.

August	24	+13 39 30.97

O. ARG. S. 19086, $18^h\ 59^m\ 2^s$.

September	8	−21 49 35.74
	17	35.25

O. ARG. S. 19098, $18^h\ 59^m\ 39^s$.

September	10	−21 54 35.45

(*), $19^h\ 1^m\ 21^s$.

September	21	−21 38 29.31
	24	29.59

O. ARG. S. 19155, $19^h\ 1^m\ 21^s$.

September	21	−21 40 29.29
	22	28.20
	24	28.99

O. ARG. S. 19179, $19^h\ 2^m\ 13^s$.

September	8	−21 53 42.62
	10	42.54
	17	42.18

B. A. C. 6561, $19^h\ 4^m\ 5^s$.

September	8	−21 53 12.01
	10	11.44
	17	11.23

LALANDE 36087, $19^h\ 5^m\ 9^s$.

August	24	−20 1 27.00

(*), $19^h\ 9^m\ 13^s$.

September	28	−19 18 21.07
	29	21.98

MADRAS 1351, $19^h\ 9^m\ 54^s$.

September	12	−21 18 59.07

(*), $19^h\ 10^m\ 15^s$.

1855.		° ′ ″
September	24	−19 19 9.85
	29	10.49

(*), $19^h\ 12^m\ 17^s$.

September	21	−19 15 5.79
	22	4.11
	24	4.33
	28	4.32

(*), $19^h\ 12^m\ 40^s$.

September	22	−19 19 0.22
	24	0.39
	28	1.33
	29	0.98

B. A. C. 6516, $19^h\ 13^m\ 25^s$.

September	10	−19 29 34.30
October	4	33.95

GR. C. 1719, $19^h\ 14^m\ 23^s$.

August	24	−20 54 1.95

LALANDE 36426, $19^h\ 14^m\ 21^s$.

September	12	−19 17 6.62
	21	6.54
	22	5.24
	28	5.78
	29	6.28

LALANDE 36448, $19^h\ 14^m\ 50^s$.

September	12	−19 14 43.04
	26	42.21

(*), $19^h\ 16^m\ 54^s$.

September	12	−19 19 26.52
	21	26.68
	28	25.90
	29	26.93

δ AQUILÆ, $19^h\ 18^m\ 26^s$.

August	29	+ 2 50 19.98

O. ARG. S. 19660, $19^h\ 23^m\ 20^s$.

October	4	−28 30 12.93
	9	11.95

O. ARG. S 19662, $19^h\ 23^m\ 31^s$.

September	21	−28 2 28.03
	22	27.51

O. ARG. S. 19685, $19^h\ 24^m\ 22^s$.

September	24	−27 24 41.18
	28	40.90

O. ARG. S. 19693, $19^h\ 24^m\ 59^s$.

September	29	−19 34 6.11

(*), $19^h\ 25^m\ 8^s$.

September	24	−27 20 32.16
	28	32.81

O. ARG. S. 19695, $19^h\ 25^m\ 17^s$.

1855.		° ′ ″
October	4	−27 27 33.89
	9	34.98
	10	34.21

O. ARG. S. 19709, $19^h\ 25^m\ 45^s$.

October	4	−27 26 58.48
	9	58.99
	10	58.63

O. ARG. S. 19713, $19^h\ 25^m\ 53^s$.

October	4	−27 27 31.30
	9	32.38
	10	32.04

O. ARG. S. 19780, $19^h\ 27^m\ 54^s$.

September	7	−29 7 25.74

(*), $19^h\ 28^m\ 6^s$.

September	28	−27 24 4.60

B. A. C. 6707, $19^h\ 28^m\ 16^s$.

September	10	−19 9 30.78

O. ARG. S. 19800, $19^h\ 29^m\ 8^s$.

September	8	−29 10 25.96
	17	23.89

(*), $19^h\ 30^m\ 22^s$.

September	28	−27 22 45.14

O. ARG. S. 19811, $19^h\ 30^m\ 17^s$.

September	29	−20 37 8.60

(*), $19^h\ 33^m\ 6^s$.

September	7	−29 10 25.24
	8	26.69
	17	25.68

O. ARG. S. 19863, $19^h\ 33^m\ 7^s$.

October	10	−26 42 22.72

O. ARG. S. 19874, $19^h\ 33^m\ 47^s$.

October	10	−26 46 5.20

O. ARG. S. 19902, $19^h\ 35^m\ 46^s$.

October	9	−26 47 10.68
	10	10.59

B. A. C. 6760, $19^h\ 38^m\ 11^s$.

September	10	−20 5 38.96

Hosted by Google

LALANDE 37507, $19^h\ 38^m\ 14^s$.

1855.	° ′ ″
October 4	−21 51 34.08

O. ARG. S. 19941, $19^h\ 38^m\ 21^s$.

October 9	−26 49 39.02
10	39.19

O. ARG. S. 19956, $19^h\ 39^m\ 11^s$.

September 28	−22 10 2.46

O. ARG. S. 19957, $19^h\ 39^m\ 35^s$.

October 16	−26 14 17.79

α AQUILÆ, $19^h\ 43^m\ 57^s$.

August 24	+ 8 30 7.72
September 7	5.82
8	5.57

(*), $19^h\ 44^m\ 21^s$.

September 11	−22 34 9.68
12	9.75

(*), $19^h\ 46^m\ 19^s$.

September 17	−22 6 8.07
28	9.91

(*), $19^h\ 47^m\ 3^s$.

October 4	−22 20 2.77
16	3.20

LALANDE 37873, $19^h\ 47^m\ 15^s$.

September 10	−19 39 23.82
24	22.69

β AQUILÆ, $19^h\ 48^m\ 26^s$.

September 8	+ 6 3 36.04
October 9	35.73

LALANDE 38140, $19^h\ 53^m\ 30^s$.

August 24	−17 14 53.70
September 10	54.56

LALANDE 38164, $19^h\ 53^m\ 54^s$.

September 12	−19 28 57.97
24	56.64

O. ARG. S. 20204, $19^h\ 56^m\ 37^s$.

September 11	−29 28 5.26
21	5.37
29	5.89

LALANDE 38290, $19^h\ 56^m\ 56^s$.

September 17	−19 9 51.02
October 16	51.08

O. ARG. S. 20222, $19^h\ 57^m\ 36^s$.

1855.	° ′ ″
September 11	−29 32 26.04
29	25.95
October 8	27.73

O. ARG. S. 20257, $20^h\ 0^m\ 6^s$.

September 17	−19 12 19.64

(*), $20^h\ 1^m\ 8^s$.

September 12	−19 49 7.15
October 10	7.61

B. A. C. 6923, $20^h\ 2^m\ 18^s$.

September 10	−19 47 14.45
12	15.26
24	(12.26)
October 10	14.55

λ URSÆ MINORIS, $20^h\ 3^m\ 54^s$.

September 1	+88 53 25.49
8	24.79
10	24.33
21	23.63
October 16	23.98

α^1 CAPRICORNI, $20^h\ 9^m\ 53^s$.

September 17	−12 56 16.55

α^2 CAPRICORNI, $20^h\ 10^m\ 17^s$.

August 24	−12 58 32.44
September 11	33.68
12	33.73
17	34.46
24	32.72

σ CAPRICORNI, $20^h\ 11^m\ 19^s$.

September 29	−19 33 8.37
October 10	8.93

(*), $20^h\ 11^m\ 15^s$.

October 10	−19 34 5.22

(*), $20^h\ 12^m\ 46^s$.

September 28	−19 32 18.15

(*), $20^h\ 13^m\ 26^s$.

September 28	−19 30 54.33
29	54.95
October 10	55.59

(*). $20^h\ 15^m\ 50^s$.

October 4	−19 1 35.23
16	34.44

(*), $20^h\ 16^m\ 2[illegible]^s$.

October 4	−19 13 11.66
16	10.70

LALANDE 39247, $20^h\ 18^m\ 13^s$.

1855.	° ′ ″
September 17	−15 26 0.23
October 9	0.08

O. ARG. S. 20521, $20^h\ 19^m\ 53^s$.

September 1	−23 28 20.82
8	21.55

O. ARG. S. 20544, $20^h\ 21^m\ 23^s$.

September 11	−23 18 29.36
12	29.98

B. A. C. 7053, $20^h\ 21^m\ 51^s$.

August 24	−19 2 46.85
September 10	47.67
October 9	47.81

B. A. C. 7054, $20^h\ 21^m\ 52^s$.

August 24	−19 2 35.83
September 10	35.89
October 9	36.05

O. ARG. S. 20570, $20^h\ 23^m\ 26^s$.

September 24	−22 58 17.64
October 10	18.88

O. ARG. S. 20574, $20^h\ 23^m\ 42^s$.

September 28	−23 1 3.62
29	4.21

(*), $20^h\ 23^m\ 43^s$.

September 29	−23 3 1.94

(*), $20^h\ 24^m\ 14^s$.

October 4	−19 8 55.15

O. ARG. S. 20621, $20^h\ 26^m\ 50^s$.

September 28	−23 4 8.16
29	8.96
October 8	9.14

WEISSE XX, 664, $20^h\ 26^m\ 56^s$.

September 12	−14 55 6.71
17	6.50

(*), $20^h\ 29^m\ 45^s$.

October 4	−19 15 40.68
9	40.75

(*), $20^h\ 30^m\ 8^s$.

October 4	−19 16 42.72
9	42.89

O. ARG. S. 20675, $20^h\ 30^m\ 12^s$.

September 7	−21 54 35.83

O. ARG. S. 20728, $20^h\ 32^m\ 45^s$.

1855.	° ′ ″
October 4	−19 16 6.23
9	4.97
10	6.00

WEISSE XX, 860, $20^h\ 34^m\ 4^s$.

September 17	−14 23 56.93
24	56.17

α CYGNI, $20^h\ 36^m\ 39^s$.

September 1	−44 46 53.05
10	52.58
12	53.25

(*), $20^h\ 36^m\ 45^s$.

September 7	−21 23 41.03
8	41.94
29	41.86

WEISSE XX, 1031, $20^h\ 40^m\ 50^s$.

September 17	−14 3 16.99
11	17.61
24	17.11
28	16.23
October 4	17.80

WEISSE XX, 1036, $20^h\ 40^m\ 59^s$.

September 17	−14 3 27.66
October 4	29.38

(*), $20^h\ 43^m\ 30^s$.

October 9	−39 25 48.13
10	48.39
16	(43.68)

(*), $20^h\ 45^m\ 59^s$.

September 25	−41 5 54.10
29	55.46

32 VULPECULÆ, $20^h\ 48^m\ 36^s$.

September 8	+27 31 37.29
10	34.98
11	37.22
12	37.81

(*), $20^h\ 49^m\ 5^s$.

September 28	−39 31 33.42
October 10	35.14
16	30.30

WEISSE XX, 1291, $20^h\ 50^m\ 51^s$.

September 17	−13 54 4.12
24	3.48

(*), $20^h\ 52^m\ 30^s$.

October 16	−14 2 27.25

B. A. C. 7282, $20^h\ 52^m\ 59^s$.

September 1	−18 4 28.05
7	27.00

Hosted by Google

WEISSE XX, 1370, $20^h\ 53^m\ 59^s$.

1855.		° ′ ″
October	4	−14 3 11.52
	16	10.38

61[1] CYGNI, $21^h\ 0^m\ 37^s$.

September	1	+38 3 47.59
	7	46.77
	8	46.33
	11	47.77
	12	47.03
	17	47.88
	21	46.13
	24	46.55
	25	46.94
	28	46.44
	29	47.03
October	4	46.11
	9	47.83
	10	46.95

61[2] CYGNI, $21^h\ 0^m\ 39^s$.

September	1	+38 3 42.23
	8	41.48
	11	42.38
	12	41.84
	17	42.66
	21	40.97
	24	41.39
	25	41.46
	28	41.01
	29	41.67
October	4	40.62
	9	42.52
	10	41.40

ζ CYGNI, $21^h\ 6^m\ 59^s$.

September	7	+29 39 16.53
	8	15.75
	17	17.74
	24	17.31
	28	16.37
	29	17.10
October	4	15.80
	9	17.29
	10	16.97
	16	16.82

α CEPHEI, $21^h\ 15^m\ 14^s$.

September	21	+61 59 35.70
	24	35.15
	27	33.70
October	4	34.84
	16	36.04

O. ARG. S. 21374, $21^h\ 17^m\ 42^s$.

September	29	−24 25 22.44
October	9	22.42

β AQUARII, $21^h\ 24^m\ 11^s$.

September	21	− 6 11 6.62
	24	5.35
	27	6.47
October	9	6.31
	15	5.64

β CEPHEI, $21^h\ 26^m\ 50^s$.

October	4	+69 56 47.04
	16	47.56

WEISSE XXI, 691, $21^h\ 29^m\ 35^s$.

1855.		° ′ ″
September	11	− 5 24 42.95
	12	42.96

O. ARG. S. 21519, $21^h\ 29^m\ 41^s$.

September	7	−24 19 13.48
	8	16.63
	17	15.88
	29	15.10
October	9	15.12

LALANDE 42108, $21^h\ 30^m\ 32^s$.

September	25	−11 32 3.61
	27	3.90

WEISSE XXI, 768, $21^h\ 32^m\ 37^s$.

October	10	−11 25 54.02
	15	53.76
	16	53.09

WEISSE XXI, 801, $21^h\ 33^m\ 34^s$.

October	10	−11 24 49.51
	15	48.52
	16	48.61

(*), $21^h\ 36^m\ 43^s$.

October	4	−11 24 56.84
	10	57.58

LALANDE 42355, $21^h\ 37^m\ 4^s$.

September	11	− 5 22 14.42
	12	13.97

ε PEGASI, $21^h\ 37^m\ 19^s$.

September	1	+ 9 14 7.06
	8	6.57
	10	6.14
	24	7.63

(*), $21^h\ 38^m\ 52^s$.

September	25	−11 27 42.42
October	4	41.96
	10	42.30

O. ARG. S. 21635, $21^h\ 39^m\ 30^s$.

September	29	−24 18 59.37
October	9	19 0.25

O. ARG. S. 21662, $21^h\ 40^m\ 55^s$.

September	29	−24 17 10.80
October	9	11.38

(*), $21^h\ 43^m\ 19^s$.

September	11	− 5 18 2.53
	12	2.78

(*), $21^h\ 46^m\ 28^s$.

October	4	−11 22 34.57
	10	34.72

16 PEGASI, $21^h\ 46^m\ 41^s$.

1855.		° ′ ″
September	1	+25 16 5.15
	8	4.81
	10	4.73

(*), $21^h\ 47^m\ 26^s$.

September	29	−24 23 44.92
October	15	43.76

O. ARG. S. 21775, $21^h\ 51^m\ 24^s$.

September	28	−23 32 23.33
October	9	23.88

O. ARG. S. 21789, $21^h\ 52^m\ 0^s$.

September	17	−21 18 8.26
	25	8.04

O. ARG. S. 21800, $21^h\ 53^m\ 8^s$.

October	16	−21 0 46.51

(*), $21^h\ 55^m\ 9^s$.

October	4	−11 19 51.30
	10	50.88

O. ARG. S. 21829, $21^h\ 55^m\ 36^s$.

September	29	−20 47 5.14

B. A. C. 7675, $21^h\ 56^m\ 38^s$.

September	24	−27 29 52.79

(*), $21^h\ 56^m$.

October	10	−27 31 36.00

O. ARG. S. 21869, $21^h\ 58^m\ 17^s$.

September	28	−19 20 49.77
October	9	49.69

O. ARG. S. 21877, $21^h\ 58^m\ 10^s$.

September	17	−19 36 36.69
	25	36.81

α AQUARII, $21^h\ 58^m\ 35^s$.

September	1	− 0 59 54.60
October	6	52.44
	15	53.50

LACAILLE 9028, $22^h\ 0^m\ 4^s$.

September	27	−35 14 9.95
October	4	10.84

WEISSE XXI, 1384, $22^h\ 0^m\ 20^s$.

September	8	−10 45 35.02

B. A. C. 7711, $22^h\ 1^m\ 18^s$.

September	11	−19 12 10.50
	12	10.60

LACAILLE 9046, $22^h\ 3^m\ 24^s$.

1855.		° ′ ″
September	27	−35 9 8.07
October	4	8.72

O. ARG. S. 21983, $22^h\ 5^m\ 9^s$.

September	24	−27 11 7.57
October	9	8.04

LALANDE 43447, $22^h\ 9^m\ 20^s$.

September	11	−13 31 41.17
	17	41.31

O. ARG. S. 22049, $22^h\ 9^m\ 55^s$.

October	16	−21 10 1.31

O. ARG. S. 22051, $22^h\ 10^m\ 16^s$.

October	16	−21 11 27.90

O. ARG. S. 22060, $22^h\ 10^m\ 48^s$.

October	10	−21 11 37.04
	16	36.52

(*), $22^h\ 12^m\ 36^s$.

October	4	−35 13 3.71
	6	1.39
	9	3.90

(*), $22^h\ 13^m\ 49^s$.

October	4	−35 13 30.94
	6	29.38
	9	30.89

O. ARG. S. 22089, $22^h\ 13^m\ 43^s$.

September	27	−29 28 31.90
	28	33.25
	29	32.28

O. ARG. S. 22121, $22^h\ 16^m\ 19^s$.

September	27	−29 22 50.25

LALANDE 43719, $22^h\ 17^m\ 14^s$.

September	11	−13 39 53.38
	24	52.71

WEISSE XXII, 363, $22^h\ 17^m\ 37^s$.

September	11	−13 42 40.82
	24	38.78

O. ARG. S. 22133, $22^h\ 18^m\ 0^s$.

September	27	−29 25 46.06
	28	46.01
	29	47.10

(*), $22^h\ 20^m\ 40^s$.

October	10	−34 29 6.45
	15	5.02

Hosted by Google

(*), 22h 21m 29s.

1855.	° ′ ″
September 12	−34 33 56.72
October 10	57.52
15	58.61

(*), 22h 21m 31s.

September 27	−29 26 18.73
29	20.11

(*), 22h 21m 33s.

October 4	−29 22 23.98
6	22.38

(*), 22h 23m 32s.

October 10	−34 33 54.44

(*), 22h 25m 45s.

October 10	−34 35 44.94
15	44.01

(*), 22h 26m 26s.

October 9	−35 23 46.98
16	45.59

O. Arg. S. 22239, 22h 27m 6s.

September 29	−18 51 21.03

O. Arg. S. 22265, 22h 29m 0s.

September 7	−18 51 45.53

(*), 22h 29m 36s.

September 11	−13 37 19.50
12	19.28

η Aquarii, 22h 28m 10s.

September 1	− 0 50 16.01
8	15.46

(*), 22h 30m 26s.

October 16	−35 25 58.05

O. Arg. S. 22295, 22h 30m 55s.

October 4	−29 28 27.55
6	25.85

ζ Pegasi, 22h 34m 29s.

September 1	+10 6 5.96
8	6.20
27	7.79
October 16	7.36
November 27	6.98

(*), 22h 35m 13s.

October 6	−29 22 50.34
10	52.04

(*), 22h 35m 29s.

October 9	−30 23 51.62
15	51.80

(*), 22h 37m 10s.

1855.	° ′ ″
September 12	+ 0 25 36.02
17	36.08

(*), 22h 41m 5s.

October 6	−29 23 40.55
10	42.06

Lalande 44661, 22h 42m 56s.

September 25	−14 47 55.46
27	55.14

O. Arg. S. 22445, 22h 43m 37s.

September 7	−30 16 35.62
8	37.36
October 16	36.12

α Piscis Australis, 22h 49m 54s.

September 1	−30 21 49.00
7	47.82
8	48.90
12	47.07
17	49.36
24	47.44
October 4	47.88
6	46.64
9	48.02
10	47.83
15	48.21
16	47.74
November 27	47.96

(*), 22h 54m 23s.

September 25	−20 57 41.84

α Pegasi, 22h 57m 47s.

September 29	+14 27 9.26

Weisse XXII, 1220, 22h 58m 9s.

November 27	+ 0 33 13.11

Weisse XXII, 1228, 22h 58m 19s.

November 27	+ 1 0 42.13

B. A. C. 8060, 23h 1m 31s.

September 11	+ 1 21 59.39
17	59.19

Weisse XXIII, 14, 23h 2m 25s.

September 25	−12 50 42.29
November 22	39.94

Weisse XXIII, 142, 23h 8m 25s.

October 10	− 6 27 32.66
16	32.07

Piazzi XXIII, 21, 23h 8m 29s.

September 27	+ 0 32 51.50

(*), 23h 10m 30s.

1855.	° ′ ″
September 25	− 6 19 49.53
October 16	50.23

Weisse XXIII, 222, 23h 11m 29s.

October 16	− 6 23 35.56

κ Piscium, 23h 19m 45s.

September 11	+ 0 29 23.28
October 6	23.22

B. A. C. 8170, 23h 20m 4s.

September 29	+ 0 21 15.25
October 4	15.38

B. A. C. 8177, 23h 20m 52s.

October 15	+ 5 36 37.83
November 22	40.00
27	38.15

Weisse XXIII, 443, 23h 22m 32s.

September 29	+ 0 19 59.63
October 4	20 0.44

Weisse XXIII, 452, 23h 22m 48s.

October 10	+ 7 2 54.89

Weisse XXIII, 458, 23h 23m 15s.

October 15	+ 5 39 15.97
November 22	17.10

ι Piscium, 23h 32m 45s.

September 27	+ 4 52 4.93
29	4.23
October 4	4.78
6	4.89
15	5.22
November 19	5.10
22	(6.58)
27	4.96

Weisse XXIII, 830, 23h 41m 1s.

November 27	− 1 33 7.32

(*), 23h 42m 16s.

October 6	−32 10 50.32
9	53.35

(*26) W., 23h 43m 20s.

November 30	+ 7 20 12.84

(*), 23h 43m 42s.

October 9	−32 8 5.98

Weisse XXIII, 916, 23h 45m 32s.

October 10	− 1 35 13.67
November 27	12.22

Lacaille 9663, 23h 50m 24s.

1855.	° ′ ″
September 27	−33 58 8.87
October 6	7.88

Weisse XXIII, 1032, 23h 50m 39s.

November 19	+ 4 37 32.36

Weisse XXIII, 1039, 23h 50m 54s.

October 10	− 0 54 24.54
December 5	24.41

Weisse XXIII, 1045, 23h 51m 13s.

November 29	+ 4 52 14.15
30	12.59

Weisse XXIII, 1075, 23h 52m 48s.

November 24	+ 0 18 35.42
27	35.77

Weisse XXIII, 1090, 23h 53m 25s.

November 24	+ 0 17 10.84
27	10.86

O. Arg. S. 23182, 23h 53m 33s.

October 9	−28 41 12.66

B. A. C. 8353, 23h 55m 14s.

December 6	+ 8 10 39.39

Weisse XXIII, 1179, 23h 57m 37s.

December 5	+ 0 45 30.15

Weisse XXIII, 1218, 23h 59m 41s.

December 6	+ 1 4 53.39

α Andromedæ, 0h 1m 9s.

September 27	+28 19 3.82

Weisse XXIII, 1258, 0h 1m 37s.

October 15	+ 4 19 3.04
November 19	5.13

Weisse XXIII, 1260, 0h 1m 38s.

October 15	+ 4 21 40.61
November 19	41.89

Weisse XXIII, 1267, 0h 1m 42s.

November 22	− 0 5 12.16
27	13.79

O. Arg. S. 19, 0h 2m 11s.

October 9	−28 46 2.91
10	2.35

Hosted by Google

(*), $0^h\ 3^m\ 40^s$.

	° ′ ″
1855.	
October 15	+ 4 18 38.14
November 19	40.62

(*), $0^h\ 4^m\ 20^s$.

November 30	+ 6 5 12.57

SANTINI 8, $0^h\ 4^m\ 36^s$.

December 5	+ 8 21 42.61

WEISSE O, 89, $0^h\ 5^m\ 51^s$.

November 24	+ 6 7 1.65
29	1.02
30	0.65

γ PEGASI, $0^h\ 6^m\ 2^s$.

September 27	+14 24 18.96

WEISSE O, 104, $0^h\ 6^m\ 55^s$.

November 22	+ 6 6 2.84
24	0.80
29	1.79
30	0.18

SANTINI 10, $0^h\ 8^m\ 26^s$.

December 5	+ 5 3 56.02
6	55.67

WEISSE O, 192, $0^h\ 11^m\ 56^s$.

October 9	+ 6 30 16.37

WEISSE O, 202, $0^h\ 12^m\ 40^s$.

November 27	+12 36 57.06

WEISSE O, 210, $0^h\ 12^m\ 54^s$.

October 15	+ 5 30 52.48

WEISSE O, 233, $0^h\ 13^m\ 59^s$.

November 22	+11 56 12.38
24	11.92

α ANDROMEDÆ, $0^h\ 1^m\ 9^s$.

1856.	
September 17	+28 19 3.63
October 9	1.79
10	1.87
11	2.49

WEISSE O, 112, $0^h\ 7^m\ 31^s$.

October 28	+ 2 35 8.55

WEISSE O, 210, $0^h\ 12^m\ 54^s$.

December 8	+ 5 30 53.28

WEISSE O, 229, $0^h\ 13^m\ 46^s$.

November 12	+11 59 42.06

WEISSE O, 312, $0^h\ 19^m\ 5^s$.

November 22	+ 3 2 59.79

B. A. C. 147, $0^h\ 28^m\ 22^s$.

	° ′ ″
1856.	
October 8	− 1 16 31.04
November 22	33.26

WEISSE O, 496, $0^h\ 29^m\ 44^s$.

November 12	+ 4 38 29.33
13	27.80

LALANDE 967, $0^h\ 30^m\ 48^s$.

November 11	+ 1 59 34.44
18	35.06
20	34.09

(*), $0^h\ 30^m\ 55^s$.

November 22	− 1 16 26.36
December 8	25.28

(*), $0^h\ 32^m\ 2^s$.

October 29	+26 58 10.50

WEISSE O, 635, $0^h\ 37^m\ 7^s$.

November 24	+ 7 0 23.15

WEISSE O, 647, $0^h\ 37^m\ 52^s$.

October 8	+ 4 24 53.93

WEISSE O, 657, $0^h\ 38^m\ 24^s$.

December 26	+ 7 4 42.26

(*), $0^h\ 38^m\ 35^s$.

November 13	− 1 57 6.80

WEISSE O, 680, $0^h\ 39^m\ 39^s$.

November 22	+ 7 32 31.65

WEISSE O, 687, $0^h\ 40^m\ 2^s$.

November 13	− 1 55 14.94

B. A. C. 216, $0^h\ 40^m\ 9^s$.

November 18	+ 5 58 34.41
20	32.78

WEISSE O, 712, $0^h\ 41^m\ 11^s$.

November 12	− 1 15 9.55

WEISSE O, 726, $0^h\ 42^m\ 20^s$.

November 11	+ 4 9 47.90

WEISSE O, 732, $0^h\ 42^m\ 47^s$.

November 24	− 0 59 15.67

WEISSE O, 742, $0^h\ 43^m\ 14^s$.

November 18	+ 6 20 43.57
20	43.19

WEISSE (2) O, 1167, $0^h\ 45^m\ 35^s$.

	° ′ ″
1856.	
October 8	+29 35 16.27

B. A. C. 242, $0^h\ 45^m\ 52^s$.

November 13	+ 1 54 19.72

WEISSE O, 815, $0^h\ 47^m\ 4^s$.

November 20	− 2 15 46.69
22	44.74

WEISSE O, 893, $0^h\ 51^m\ 50_s$.

November 11	+ 1 54 8.84

WEISSE O, 918, $0^h\ 52^m\ 54^s$.

November 11	+ 1 52 38.29

WEISSE O, 925, $0^h\ 53^m\ 26^s$.

November 18	+ 7 56 46.97

WEISSE O, 944, $0^h\ 54^m\ 24^s$.

November 13	+ 8 59 23.60
December 12	24.14

WEISSE O, 965, $0^h\ 55^m\ 25^s$.

December 26	+ 8 22 50.12

WEISSE O, 1013, $0^h\ 58^m\ 7^s$.

November 11	+ 7 34 54.87
13	54.47

WEISSE O, 1043, $0^h\ 59^m\ 21^s$.

November 11	+ 7 36 40.79
13	41.17

WEISSE O, 1076, $1^h\ 1^m\ 3^s$.

November 22	+10 6 35.41

WEISSE O, 1078, $1^h\ 1^m\ 6^s$.

November 20	+ 8 38 7.24

WEISSE O, 1079, $1^h\ 1^m\ 10^s$.

November 22	+10 8 41.46

WEISSE O, 1085, $1^h\ 1^m\ 36^s$.

November 19	+ 8 59 0.81

B. A. C. 368, $1^h\ 6^m\ 24^s$.

November 12	+ 6 50 4.11
December 26	3.91

WEISSE I, 100, $1^h\ 7^m\ 31^s$.

November 19	+ 9 0 0.23
December 12	0.77

B. A. C. 374, $1^h\ 7^m\ 41^s$.

	° ′ ″
1856.	
November 22	− 1 43 27.16

POLARIS, $1^h\ 8^m\ 2^s$.

November 15	+88 33 46.62
18	46.31

WEISSE I, 113, $1^h\ 8^m\ 25^s$.

November 20	+ 9 2 31.01

WEISSE I, 144, $1^h\ 10^m\ 19^s$.

November 13	+12 49 7.32

WEISSE I, 202, $1^h\ 13^m\ 28^s$.

October 29	− 3 58 58.48

6[1] CETI, $1^h\ 17^m\ 2^s$.

November 15	− 8 54 24.73
18	24.52
December 26	22.83

WEISSE I, 280, $1^h\ 17^m\ 42^s$.

November 12	− 3 34 41.57
December 12	42.09

WEISSE I, 313, $1^h\ 19^m\ 16^s$.

November 11	+10 10 10.12
December 8	11.10

WEISSE I, 375, $1^h\ 22^m\ 43^s$.

November 19	− 0 21 1.27

η PISCIUM, $1^h\ 24^m\ 0^s$.

December 4	+14 37 23.48

WEISSE I, 414, $1^h\ 24^m\ 48^s$.

November 11	+10 58 26.10
13	27.46

B. A. C. 460, $1^h\ 25^m\ 17^s$.

November 15	−31 0 12.89
18	9.91

π PISCIUM, $1^h\ 29^m\ 41^s$.

November 12	+11 25 28.08

WEISSE I, 504, $1^h\ 30^m\ 48^s$.

November 22	+ 3 22 18.21
December 16	18.84

SANTINI 91, $1^h\ 31^m\ 6^s$.

November 20	+ 1 52 20.09
December 12	19.99

Hosted by Google

WEISSE I, 539, $1^h\ 31^m\ 44^s$.

1856.	° ′ ″
November 13	+11 43 36.58
December 4	36.65
9	35.87

ν PISCIUM, $1^h\ 34^m\ 9^s$.

November 11	+ 4 46 39.73

(*), $1^h\ 35^m\ 29^s$.

November 15	+ 5 1 40.38

(*), $1^h\ 38^m\ 30^s$.

November 12	+ 2 57 51.48

WEISSE I, 709, $1^h\ 39^m\ 43^s$.

November 18	+10 8 35.40

WEISSE I, 713, $1^h\ 39^m\ 55^s$.

November 22	+10 15 9.93
December 16	9.39

WEISSE I, 725, $1^h\ 40^m\ 26^s$.

November 19	− 3 36 36.57
20	39.38

WEISSE I, 732, $1^h\ 41^m\ 7^s$.

November 13	+13 21 54.19

B. A. C. 551, $1^h\ 41^m\ 10^s$.

December 12	+ 2 59 7.19

WEISSE I, 740, $1^h\ 41^m\ 42^s$.

November 11	+11 41 30.98
December 9	31.18

WEISSE I, 775, $1^h\ 43^m\ 43^s$.

December 4	+14 3 36.08

WEISSE I, 807, $1^h\ 45^m\ 31^s$.

November 22	+14 11 14.07
December 9	14.06

B. A. C. 574, $1^h\ 46^m\ 18^s$.

November 12	+ 2 29 42.45
20	40.57

WEISSE I, 855, $1^h\ 48^m\ 10^s$.

November 13	+11 53 6.77

WEISSE I, 860, $1^h\ 48^m\ 22^s$.

November 11	+ 2 53 23.95

B. A. C. 598, $1^h\ 50^m\ 53^s$.

November 19	− 2 44 36.47
December 12	38.79

WEISSE I, 969, $1^h\ 54^m\ 35^s$.

1856.	° ′ ″
November 13	+11 30 14.32
22	13.45

WEISSE I, 972, $1^h\ 54^m\ 54^s$.

November 12	+12 0 34.71
20	33.17

B. A. C. 641, $1^h\ 57^m\ 28^s$.

November 19	+ 7 3 47.98

α ARIETIS, $1^h\ 59^m\ 17^s$.

December 29	+22 47 52.89

B. A. C. 663, $2^h\ 2^m\ 22^s$.

November 20	+ 3 34 3.67
December 12	4.33

B. A. C. 672, $2^h\ 2^m\ 57^s$.

October 28	+ 7 54 45.71
December 18	47.40

WEISSE II, 35, $2^h\ 4^m\ 16^s$.

November 22	+ 4 6 20.90

WEISSE II, 72, $2^h\ 5^m\ 58^s$.

November 22	+ 4 5 32.07

WEISSE II, 112, $2^h\ 8^m\ 28^s$.

December 4	+ 4 59 50.71

WEISSE II, 144, $2^h\ 10^m\ 30^s$.

November 22	+12 46 51.52

WEISSE II, 158, $2^h\ 11^m\ 16^s$.

December 12	+ 7 31 56.86

WEISSE II, 185, $2^h\ 12^m\ 38^s$.

December 16	− 5 38 41.29

(*), $2^h\ 17^m\ 4^s$.

November 19	− 6 59 20.01

B. A. C. 744, $2^h\ 17^m\ 34^s$.

November 13	+66 46 11.69

(*), $2^h\ 17^m$.

November 22	+61 10 9.18

WEISSE (2) II, 444, $2^h\ 19^m\ 3^s$.

November 11	+22 14 47.10
December 4	47.53

WEISSE (2) II, 449, $2^h\ 19^m\ 15^s$.

1856.	° ′ ″
December 4	+22 16 19.03

WEISSE II, 312, $2^h\ 19^m\ 41^s$.

October 28	+ 5 35 47.24
November 20	46.73

(*), $2^h\ 20^m$.

November 22	+61 11 6.56

WEISSE II, 372, $2^h\ 22^m\ 56^s$.

December 9	+13 38 13.87
16	13.40

B. A. C. 771, $2^h\ 23^m\ 7^s$.

December 12	+17 4 57.51
26	58.07

WEISSE II, 386, $2^h\ 23^m\ 23^s$.

December 6	− 6 57 10.15
18	10.93

(*), $2^h\ 27^m\ 3^s$.

December 29	+ 9 4 42.12

Σ CAT. GEN. 250, $2^h\ 27^m\ 10^s$.

November 13	− 6 15 12.08
December 4	10.92

WEISSE II, 470, $2^h\ 28^m\ 30^s$.

November 20	+14 32 12.31
December 9	13.83

B. A. C. 800, $2^h\ 29^m\ 12^s$.

December 29	+ 7 7 7.18

WEISSE II, 556, $2^h\ 32^m\ 56^s$.

November 22	+15 4 59.56

WEISSE II, 566, $2^h\ 33^m\ 10^s$.

November 13	− 6 16 60.96
December 4	59.67

WEISSE II, 576, $2^h\ 33^m\ 35^s$.

November 11	− 5 37 39.26
20	40.45

WEISSE II, 575, $2^h\ 33^m\ 45^s$.

November 22	+15 2 24.60

WEISSE (2) II, 815, $2^h\ 34^m\ 0^s$.

December 6	+23 55 3.51
18	3.67

WEISSE (2) II, 860, $2^h\ 35^m\ 43^s$.

December 26	+20 33 2.21

γ CETI, $2^h\ 36^m\ 3^s$.

1856.	° ′ ″
October 28	+ 2 38 38.35
December 16	37.62

WEISSE II, 640, $2^h\ 37^m\ 22^s$.

November 11	− 5 6 58.43
13	57.51
December 4	57.04

WEISSE (2) II, 972, $2^h\ 40^m\ 25^s$.

December 9	+24 42 20.62

B. A. C. 866, $2^h\ 40^m\ 38^s$.

December 16	+24 36 5.91
18	5.51

WEISSE (2) II, 1018, $2^h\ 42^m\ 2^s$.

December 6	+24 45 3.36

WEISSE II, 742, $2^h\ 43^m\ 29^s$.

December 29	− 7 23 13.70

WEISSE II, 762, $2^h\ 44^m\ 20^s$.

December 4	− 1 44 35.53

WEISSE II, 790, $2^h\ 46^m\ 15^s$.

December 26	+ 8 45 46.20

(*), $2^h\ 46^m\ 29^s$.

November 11	− 2 12 56.94
13	55.60

WEISSE II, 820, $2^h\ 47^m\ 38^s$.

November 20	− 0 37 18.00

WEISSE II, 831, $2^h\ 48^m\ 4^s$.

December 9	− 0 7 55.85

WEISSE II, 846, $2^h\ 48^m\ 47^s$.

December 16	− 0 3 10.80

WEISSE II, 853, $2^h\ 49^m\ 4^s$.

December 16	− 0 2 50.34

WEISSE II, 872, $2^h\ 50^m\ 0^s$.

December 6	− 0 7 6.58
9	6.01

B. A. C. 929, $2^h\ 52^m\ 11^s$.

November 13	+ 8 20 49.82
20	48.87

WEISSE (2) II, 1293, $2^h\ 53^m\ 59^s$.

November 22	+15 57 50.62
December 4	51.74

Hosted by Google

α CETI, $2^h\ 54^m\ 58^s$.

1856.	° ′ ″
November 13	+ 3 32 16.43

WEISSE II, 967, $2^h\ 55^m\ 20^s$.

December 12	+ 8 55 12.86

WEISSE II, 970, $2^h\ 55^m\ 15^s$.

November 19	− 7 2 35.24

WEISSE (2) II, 1322, $2^h\ 55^m\ 22^s$.

December 29	+22 30 31.93

B. A. C. 959, $2^h\ 57^m\ 24^s$.

December 26	− 8 9 2.13

δ ARIETIS, $3^h\ 3^m\ 38^s$.

December 16	+19 11 39.91

WEISSE III, 62, $3^h\ 5^m\ 4^s$.

December 12	+ 8 3 50.03

WEISSE III, 90, $3^h\ 5^m\ 43^s$.

November 22	− 8 10 39.23
December 4	39.37

WEISSE (2) III, 161, $3^h\ 7^m\ 54^s$.

December 16	+23 50 38.62
29	38.57

WEISSE III, 205, $3^h\ 12^m\ 9^s$.

January 18	+12 51 58.86
November 22	58.56

(*), $3^h\ 14^m\ 0^s$.

January 18	+ 8 51 19.87

WEISSE III, 278, $3^h\ 16^m\ 30^s$.

December 16	− 8 17 12.80
18	12.92

B. A. C. 1057, $3^h\ 17^m\ 16^s$.

November 20	+ 8 31 59.73
December 4	61.42
6	61.56
12	60.66

WEISSE III, 306, $3^h\ 17^m\ 58^s$.

January 3	+13 7 30.37

WEISSE (2) III, 393, $3^h\ 19^m\ 4^s$.

January 16	+18 15 49.94

B. A. C. 1068, $3^h\ 19^m\ 34^s$.

November 20	+ 9 14 30.58
22	29.76

RUMKER 870, $3^h\ 21^m\ 48^s$.

1856.	° ′ ″
January 16	+18 16 16.49

(*), $3^h\ 21^m\ 51^s$.

December 4	+ 9 28 17.50

RUMKER 879, $3^h\ 22^m\ 55^s$.

January 18	+18 19 10.89

WEISSE (2) III, 493, $3^h\ 23^m\ 44^s$.

January 18	+18 19 13.18
December 29	12.72

WEISSE III, 442, $3^h\ 25^m\ 15^s$.

December 6	− 8 19 4.81
16	3.84

WEISSE III, 517, $3^h\ 28^m\ 42^s$.

January 3	+13 59 20.83
15	21.29

WEISSE (2) III, 733, $3^h\ 34^m\ 3^s$.

January 16	+26 7 20.28
18	20.82

B. A. C. 1164, $3^h\ 39^m\ 1^s$.

December 16	+23 40 47.91

(*), $3^h\ 39^m\ 9^s$.

January 23	+11 14 8.70
December 6	6.97

η TAURI, $3^h\ 39^m\ 10^s$.

January 15	+23 40 9.49
16	9.12
December 16	8.73
18	8.50

WEISSE III, 752, $3^h\ 39^m\ 41^s$.

January 3	+12 4 19.51

WEISSE (2) III, 881, $3^h\ 39^m\ 53^s$.

January 18	+26 9 14.26

WEISSE III, 781, $3^h\ 41^m\ 9^s$.

December 4	+11 16 33.52
6	33.14

WEISSE (2) III, 1013, $3^h\ 46^m\ 35^s$.

December 16	+19 41 11.03

WEISSE (2) III, 1019, $3^h\ 46^m\ 32^s$.

December 16	+19 41 0.76

WEISSE III, 924, $3^h\ 47^m\ 52^s$.

January 3	− 9 56 7.13

WEISSE (2) III, 1041, $3^h\ 48^m\ 26^s$.

1856.	° ′ ″
January 15	+36 5 7.04

(*), $3^h\ 48^m\ 44^s$.

December 16	+19 40 24.80

WEISSE III, 965, $3^h\ 49^m\ 58^s$.

January 23	−10 9 36.77

WEISSE III, 1266, $3^h\ 58^m\ 55^s$.

January 23	+20 52 57.51
December 16	57.03

WEISSE (2) III, 1275, $3^h\ 59^m\ 29^s$.

January 23	+20 53 8.90
December 16	7.75

WEISSE IV, 21, $4^h\ 2^m\ 36^s$.

December 29	+ 7 19 40.65

B. A. C. 1296, $4^h\ 6^m\ 1^s$.

December 26	+ 7 21 20.20

WEISSE (2) IV, 127, $4^h\ 7^m\ 20^s$.

January 4	+20 55 30.75
18	31.32

WEISSE (2) IV, 152, $4^h\ 8^m\ 50^s$.

January 3	+15 51 51.54
16	50.75

WEISSE (2) IV, 220, $4^h\ 11^m\ 19^s$.

January 15	+21 25 53.90
29	56.24

RUMKER 1163, $4^h\ 13^m\ 34^s$.

January 18	+16 28 13.06

RUMKER 1167, $4^h\ 14^m\ 43^s$.

January 16	+16 27 33.24
22	32.35

B. A. C. 1350, $4^h\ 15^m\ 24^s$.

January 3	+16 26 50.15
16	50.23
22	50.54

WEISSE (2) IV, 330, $4^h\ 15^m\ 56^s$.

January 4	+21 24 32.16
15	33.42

B. A. C. 1366, $4^h\ 17^m\ 38^s$.

December 26	+15 37 4.90

WEISSE (2) IV, 391, $4^h\ 18^m\ 39^s$.

1856.	° ′ ″
January 3	+16 25 36.64
18	36.67
22	37.27

WEISSE (2) IV, 420, $4^h\ 19^m\ 54^s$.

February 2	+23 47 4.93

WEISSE (2) IV, 458, $4^h\ 21^m\ 36^s$.

January 4	+27 49 9.29
25	9.78

LALANDE 8431, $4^h\ 21^m\ 15^s$.

January 29	−11 26 21.98

B. A. C. 1402, $4^h\ 23^m\ 52^s$.

January 16	+15 32 52.76

(*), $4^h\ 24^m$.

December 26	+15 45 38.46

RUMKER, 1235, $4^h\ 24^m\ 50^s$.

January 15	+15 42 19.47

WEISSE (2) IV, 579, $4^h\ 27^m\ 16^s$.

January 29	+21 43 41.14

WEISSE (2) IV, 562, $4^h\ 26^m\ 20^s$.

January 18	+22 5 4.92

WEISSE (2) IV, 634, $4^h\ 29^m\ 38^s$.

January 3	+29 6 6.22

WEISSE IV, 646, $4^h\ 30^m\ 23^s$.

January 28	+ 7 1 58.18

WEISSE (2) IV, 669, $4^h\ 30^m\ 51^s$.

January 22	+22 22 13.93
23	13.65
February 2	13.33

WEISSE (2) IV, 713, $4^h\ 33^m\ 0^s$.

January 15	+22 24 7.52

WEISSE (2) IV, 719, $4^h\ 33^m\ 19^s$.

January 22	+22 21 11.23
23	13.56
February 2	11.71

WEISSE IV, 754, $4^h\ 34^m\ 53^s$.

January 16	+ 2 43 11.86

(*), $4^h\ 36^m\ 7^s$.

January 18	− 1 43 7.68

Hosted by Google

WEISSE IV, 809, $4^h\ 37^m\ 36^s$.

1856.		° ′ ″
January	3	− 1 41 46.64
	18	45.97

WEISSE (2) IV, 866, $4^h\ 39^m\ 31^s$.

December	29	+29 31 12.61

(*), $4^h\ 41^m\ 8^s$.

January	29	+ 1 13 2.80

WEISSE IV, 925, $4^h\ 43^m\ 14^s$.

January	16	+ 1 17 1.58
	23	1.14
	29	1.04

WEISSE (2) IV, 986, $4^h\ 44^m\ 17^s$.

January	15	+26 32 27.73
February	9	28.24

WEISSE IV, 972, $4^h\ 44^m\ 57^s$.

January	16	+ 1 16 20.10
	23	20.18
	29	18.30

WEISSE (2) IV, 1012, $4^h\ 45^m\ 28^s$.

January	18	+22 32 10.47

(*), $4^h\ 46^m\ 40^s$.

January	23	+ 1 20 12.30

(*), $4^h\ 49^m\ 34^s$.

January	23	+ 1 17 50.54

WEISSE (2) IV, 1165, $4^h\ 51^m\ 45^s$.

January	4	+22 22 40.49
February	9	42.00

WEISSE (2) IV, 1172, $4^h\ 52^m\ 9^s$.

February	9	+22 24 10.72

WEISSE (2) IV, 1257, $4^h\ 55^m\ 37^s$.

January	18	+30 12 13.11

WEISSE (2) IV, 1258, $4^h\ 55^m\ 38^s$.

January	18	+30 10 43.24

WEISSE (2) IV, 1364, $4^h\ 59^m\ 30^s$.

January	25	+30 15 38.48
	28	37.63

WEISSE IV, 1379, $5^h\ 0^m\ 52^s$.

February	9	−12 40 27.93

WEISSE IV, 1394, $5^h\ 1^m\ 22^s$.

February	2	−12 46 30.91

WEISSE (2) V, 49, $5^h\ 3^m\ 38^s$.

1856.		° ′ ″
January	25	+30 15 47.02
	28	45.94

WEISSE (2) V, 54, $5^h\ 3^m\ 40^s$.

January	3	+26 17 7.59
	4	7.95
	10	9.29
	15	9.16
	16	9.97
	18	7.83
	22	9.31
	23	9.13

WEISSE (2) V, 111, $5^h\ 5^m\ 17^s$.

January	25	+30 13 51.93
	28	51.30

α AURIGÆ, $5^h\ 6^m\ 21^s$.

December	26	+45 51 4.63

WEISSE (2) V, 296, $5^h\ 11^m\ 6^s$.

January	3	+26 6 31.08
	4	31.64
	10	31.63
	15	31.34
	18	31.46
	22	32.31
	23	32.47
	28	32.78

(*), $5^h\ 13^m\ 6^s$.

February	2	−13 19 26.20
	9	26.33

WEISSE (2) V, 451, $5^h\ 16^m\ 35^s$.

December	26	+30 34 4.15

WEISSE (2) V, 452, $5^h\ 16^m\ 37^s$.

December	16	+30 33 20.66

WEISSE (2) V, 513, $5^h\ 18^m\ 24^s$.

January	3	+26 27 29.90
	10	30.80
	15	31.06
	18	30.34
	22	29.73
	23	31.15
	28	30.21

WEISSE (2) V, 530, $5^h\ 19^m\ 10^s$.

December	26	+30 31 24.32

WEISSE V, 449, $5^h\ 19^m\ 12^s$.

February	2	−13 15 23.38
	9	23.33

WEISSE (2) V, 630, $5^h\ 22^m\ 20^s$.

Janaury	3	+26 28 20.36
	4	19.42
	10	19.78
	15	20.67
	18	20.13
	22	19.54
	23	20.97
	28	19.80

δ ORIONIS, $5^h\ 24^m\ 51^s$.

1856.		° ′ ″
January	16	− 0 24 19.81

(*), $5^h\ 25^m\ 55^s$.

February	2	−13 19 32.76
	9	32.45

WEISSE (2) V, 782, $5^h\ 27^m\ 1^s$.

December	26	+31 3 22.49

(*), $5^h\ 28^m\ 46^s$.

January	3	+26 33 43.99
	10	44.45
	15	44.75

WEISSE (2) V, 912, $5^h\ 30^m\ 13^s$.

January	3	+26 31 56.70
	10	56.69
	15	57.45
	16	57.69
	18	57.30
	22	57.10
	23	57.49
	28	57.09

ε ORIONIS, $5^h\ 29^m\ 7^s$.

January	4	− 1 17 39.49

(*), $5^h\ 32^m\ 29^s$.

March	7	−13 37 53.11

(*), $5^h\ 32^m\ 53^s$.

January	3	+26 32 18.59
	10	18.28
	15	18.75
	18	19.59
	22	19.35

WEISSE V, 874, $5^h\ 34^m\ 15^s$.

February	2	−13 45 28.91
	20	29.75

α COLUMBÆ, $5^h\ 34^m\ 35^s$.

January	28	−34 9 2.61
March	14	3.20
	15	2.86

(*), $5^h\ 41^m\ 30^s$.

March	7	−13 34 39.12

WEISSE V, 1143, $5^h\ 45^m\ 13^s$.

February	2	−13 50 31.98
	20	32.01

(*), $5^h\ 45^m\ 25^s$.

January	3	+26 28 58.53
	28	57.74

WEISSE (2) V, 1534, $5^h\ 46^m\ 56^s$.

1856.		° ′ ″
January	3	+26 26 59.38
	10	58.90
	15	61.09
	18	60.82
	22	60.14
	23	61.74
	28	60.13

α ORIONIS, $5^h\ 47^m\ 36^s$.

January	16	+ 7 22 (41.72)
March	14	38.98
	17	39.12
December	30	38.45

(*), $5^h\ 50^m\ 58^s$.

March	7	+20 9 6.15

(*), $5^h\ 51^m\ 12^s$.

March	10	+19 45 50.59

(*), $5^h\ 51^m\ 23^s$.

February	2	−14 13 41.81
	20	41.65

(*), $5^h\ 52^m$.

March	10	+19 48 13.28

WEISSE V, 1335, $5^h\ 52^m\ 29^s$.

February	2	−14 13 15.55
	20	15.41

WEISSE V, 1378, $5^h\ 53^m\ 58^s$.

February	22	−14 1 32.62

RUMKER 1673, $5^h\ 54^m\ 44^s$.

January	3	+26 16 36.18
	10	35.08
	15	35.79
	18	36.02
	22	36.29
	23	36.26
	28	35.99

RUMKER 1680, $5^h\ 55^m\ 9^s$.

January	3	+26 21 5.58
	4	5.24
	10	5.53
	15	6.50
	18	6.27
	22	7.52
	23	6.85
	28	6.62

B. A. C. 1934, $5^h\ 55^m\ 10^s$.

March	10	+19 41 21.35
	17	20.91

B. A. C. 1939, $5^h\ 55^m\ 40^s$.

March	7	+20 8 16.43
	14	15.75

Hosted by Google

WEISSE V, 1479, $5^h\ 57^m\ 49^s$.

1856.		° ′ ″
February	22	−14 4 56.49

WEISSE V, 1487, $5^h\ 58^m\ 11^s$.

February	22	−14 1 39.41

(*), $5^h\ 58^m\ 28^s$.

March	7	+20 6 51.41

LALANDE 11684, $6^h\ 2^m\ 10^s$.

December	26	+26 2 14.93
	30	15.29

WEISSE (2) V, 12, $6^h\ 2^m\ 39^s$.

January	22	+31 11 53.13

WEISSE VI, 44, $6^h\ 2^m\ 45^s$.

February	9	−14 2 41.06
	22	41.42

LALANDE 11714, $6^h\ 3^m\ 2^s$.

December	26	+26 0 39.96
	30	40.19

B. A. C. 2015, $6^h\ 8^m\ 4^s$.

March	15	− 6 14 7.10
	17	5.92

WEISSE VI, 264, $6^h\ 9^m\ 34^s$.

February	21	−14 23 6.12

WEISSE VI, 334, $6^h\ 11^m\ 49^s$.

February	2	−14 16 50.69
	9	53.10

WEISSE VI, 348, $6^h\ 12^m\ 15^s$.

February	2	−14 18 25.76
	21	27.64

μ GEMINORUM, $6^h\ 14^m\ 29^s$.

January	22	+22 34 54.87
February	22	53.90
March	15	54.38
	17	54.58
December	30	53.37

WEISSE VI, 446, $6^h\ 15^m\ 19^s$.

February	2	−14 20 12.02
	21	13.44

LALANDE 12237, $6^h\ 17^m\ 27^s$.

December	26	+25 35 7.99

(*), $6^h\ 18^m\ 18^s$.

December	30	+24 18 9.58

WEISSE (2) VI, 626, $6^h\ 22^m\ 8^s$.

1856.		° ′ ″
February	9	+23 37 42.61
	20	43.13

WEISSE (2) VI, 631, $6^h\ 22^m\ 16^s$.

December	26	+25 30 55.89

LALANDE 12557, $6^h\ 26^m\ 27^s$.

December	30	+24 44 22.77

WEISSE (2) VI, 809, $6^h\ 28^m\ 0^s$.

December	26	+24 32 23.57

WEISSE (2) VI, 826, $6^h\ 28^m\ 32^s$.

December	26	+24 30 39.21

WEISSE (2) VI, 838, $6^h\ 28^m\ 50^s$.

December	30	+24 42 12.03

WEISSE (2) VI, 9 9, $6^h\ 30^m\ 54_s$.

December	30	+24 42 58.10

WEISSE (2) VI, 935, $6^h\ 31^m\ 33^s$.

February	9	+23 47 46.57
	20	46.52

WEISSE (2) VI, 943, $6^h\ 31^m\ 55^s$.

February	9	+23 46 8.09
	20	8.04

WEISSE VI, 990, $6^h\ 32^m\ 52^s$.

February	21	−14 1 21.86
	22	21.36
	29	22.65

51 CEPHEI, $6^h\ 33^m\ 38^s$.

March	7	+87 14 56.05
	15	55.55
	17	55.01

51 CEPHEI, S. P., $6^h\ 33^m\ 39^s$.

July	17	+87 14 53.29
	22	53.64

(*), $6^h\ 37^m\ 35^s$.

February	21	−14 33 27.32
March	3	27.20
	10	28.58

WEISSE VI, 1198, $6^h\ 38^m\ 18^s$.

March	3	−14 35 11.25

α CANIS MAJORIS, $6^h\ 38^m\ 59^s$.

December	26	−16 31 36.65

WEISSE VI, 1199, $6^h\ 39^m\ 38^s$.

1856.		° ′ ″
February	21	−14 33 54.48
March	3	53.64
	10	54.85

B. A. C. 2221, $6^h\ 40^m\ 27^s$.

February	9	−14 16 42.44
March	7	43.26

O. ARG. N. 7299, $6^h\ 42^m\ 25^s$.

February	25	+51 48 29.25
	29	28.45

(*), $6^h\ 47^m\ 7^s$.

February	9	−14 25 58.61
March	3	58.67

WEISSE VI, 1579, $6^h\ 51^m\ 27^s$.

February	29	−14 45 24.17

WEISSE VI, 1589, $6^h\ 51^m\ 40^s$.

February	20	−14 38 5.44
March	15	6.95

WEISSE VI, 1618, $6^h\ 52^m\ 40^s$.

February	22	−14 47 26.86
	29	25.82
March	10	26.62

(*), $6^h\ 53^m\ 30^s$.

February	22	−14 49 49.43
	29	48.70

B. A. C. 2312, $6^h\ 56^m\ 57^s$.

March	3	+61 0 25.24
December	26	23.26

RUMKER 2086, $6^h\ 57^m\ 11^s$.

December	26	+60 57 30.74

PIAZZI VI, 328, $6^h\ 59^m\ 10^s$.

February	9	−14 39 43.40
March	7	43.51
	15	43.90
	17	42.56

(*), $7^h\ 2^m\ 2^s$.

March	7	−14 40 0.96
	10	0.39
	15	0.93

WEISSE VII, 93, $7^h\ 3^m\ 58^s$.

February	22	−14 32 27.12

WEISSE VII, 164, $7^h\ 5^m\ 42^s$.

February	22	−14 34 11.40

(*), $7^h\ 6^m\ 38^s$.

1856.		° ′ ″
February	29	−14 38 59.32
March	10	60.19
	15	59.59

WEISSE VII, 250, $7^h\ 8^m\ 44^s$.

February	9	−14 22 6.55
	20	7.11

WEISSE VII, 290, $7^h\ 9^m\ 52^s$.

March	7	−14 36 46.90

WEISSE VII, 300, $7^h\ 10^m\ 7^s$.

February	21	−14 37 44.68
	22	46.72
	29	45.30
March	7	45.75

WEISSE VII, 316, $7^h\ 10^m\ 42^s$.

February	21	−14 36 4.53
	22	5.62
	29	4.83
March	15	4.57

RUMKER 2175, $7^h\ 10^m\ 0^s$.

March	17	+60 9 21.58
	26	21.44

(*), $7^h\ 11^m\ 23^s$.

February	22	−14 36 17.18
	29	16.02
March	15	15.96

δ GEMINORUM, $7^h\ 11^m\ 46^s$.

February	20	+22 14 12.29
March	10	12.02
	26	11.29

(*), $7^h\ 14^m\ 0^s$.

February	21	−14 36 39.52
	22	40.38
	29	39.48
March	7	40.19

(*), $7^h\ 14^m\ 13^s$.

February	21	−14 36 48.77
	22	50.44
	29	49.31
March	7	49.76
	15	49.15

WEISSE VII, 464, $7^h\ 15^m\ 36^s$.

March	19	−14 27 17.51
	26	15.90

WEISSE VII, 500, $7^h\ 16^m\ 50^s$.

February	22	−14 36 45.59
	29	44.67
March	7	44.81
	15	45.57

Hosted by Google

WEISSE VII, 529, $7^h\ 17^m\ 42^s$.

1856.		° ′ ″
February	9	−14 28 4.80
March	19	8.68

(*), $7^h\ 18^m\ 42^s$.

February	22	−14 36 37.38
	29	37.21
March	15	37.73

LALANDE 14637, $7^h\ 24^m\ 16^s$.

February	20	+21 42 10.62
	21	10.14

a^2 GEMINORUM, $7^h\ 25^m\ 40^s$.

February	9	+32 11 30.15
	26	29.25

WEISSE VII, 835, $7^h\ 27^m\ 20^s$.

March	7	−14 13 25.27
	19	25.81

WEISSE VII, 871, $7^h\ 28^m\ 30^s$.

February	22	−14 38 43.76

WEISSE VII, 924, $7^h\ 29^m\ 36^s$.

March	19	−14 11 8.50

WEISSE VII, 968, $7^h\ 31^m\ 48^s$.

March	17	+10 42 39.27

(*), $7^h\ 32^m\ 10^s$.

February	22	−14 40 18.28
March	3	16.08

(*), $7^h\ 34^m\ 6^s$.

February	21	−14 19 20.15
March	15	21.21

B. A. C. 2544, $7^h\ 35^m\ 1^s$.

December	26	+22 43 33.11

β GEMINORUM, $7^h\ 36^m\ 45^s$.

March	7	+28 21 38.97

WEISSE VII, 1181, $7^h\ 39\ 4^s$.

February	20	−14 20 54.30
	21	54.89
March	15	56.91

WEISSE VII, 1182, $7^h\ 39^m\ 7^s$.

February	20	−14 21 10.30
	21	9.80

RUMKER 2282, $7^h\ 39^m\ 29^s$.

March	17	+13 9 33.58
	19	33.51

(*), $7^h\ 40^m\ 58^s$.

1856.		° ′ ″
March	15	−14 16 7.42

(*), $7^h\ 41^m\ 0^s$.

February	22	−14 26 24.48
March	3	22.52

(*), $7^h\ 41^m\ 44^s$.

March	17	+13 9 43.00
	19	42.74

(*), $7^h\ 42^m\ 33^s$.

February	21	−14 15 59.42
March	15	54.42

LALANDE 15323, $7^h\ 44^m\ 54^s$.

February	29	+20 32 11.80
March	10	10.01

(*), $7^h\ 46^m\ 0^s$.

March	10	+20 32 30.62

(*), $7^h\ 46^m\ 52^s$.

March	26	+39 39 1.57

(*), $7^h\ 50^m\ 3^s$.

February	21	+20 31 48.23
	22	47.76

O. ARG. N. 8531, $7^h\ 53^m\ 40^s$.

February	29	+58 9 55.19
March	3	55.58

RUMKER 2390, $7^h\ 56^m\ 50^s$.

February	21	+36 40 7.12
	22	7.13

WEISSE (2) VII, 1597, $7^h\ 58^m\ 13^s$.

March	15	+16 46 53.74

WEISSE (2) VIII, 1659, $8^h\ 0^m\ 12^s$.

March	15	+16 49 2.36

ρ ARGUS, $8^h\ 1^m\ 35^s$.

March	3	−23 54 9.21
April	1	10.86

WEISSE (2) VIII, 22, $8^h\ 3^m\ 1^s$.

March	15	+16 46 8.45

LALANDE 16237, $8^h\ 10^m\ 47^s$.

April	6	+24 36 28.75
	8	28.53

B. A. C. 2788, $8^h\ 12^m\ 13^s$.

1856.		° ′ ″
February	21	+21 11 11.77
	29	11.23
March	15	11.54

(*), $8^h\ 13^m\ 37^s$.

April	6	+24 27 56.20
	8	55.25

WEISSE (2) VIII, 319, $8^h\ 14^m\ 49^s$.

March	3	+21 0 49.67
April	1	50.08

WEISSE (2) VIII, 364, $8^h\ 16^m\ 38^s$.

April	6	+24 23 36.29
	8	34.91

WEISSE (2) VIII, 370, $8^h\ 16^m\ 48^s$.

March	19	+19 37 11.87
	29	12.88

LALANDE 16464, $8^h\ 17^m\ 3^s$.

April	9	+24 0 2.08

WEISSE (2) VIII, 382, $8^h\ 17^m\ 28^s$.

February	21	+40 20 46.42
	22	45.92

WEISSE (2) VIII, 408, $8^h\ 18^m\ 29^s$.

February	29	+40 17 52.87
March	15	52.72

WEISSE (2) VIII, 429, $8^h\ 19^m\ 2^s$.

March	19	+19 42 39.19

WEISSE (2) VIII, 438, $8^h\ 19^m\ 27^s$.

February	21	+40 23 43.29
	22	44.02

O. ARG. N. 9050, $8^h\ 22^m\ 16^s$.

March	3	+55 49 33.04

WEISSE (2) VIII, 560, $8^h\ 24^m\ 19^s$.

February	29	+19 4 29.17
March	15	28.10

(*), $8^h\ 27^m\ 58^s$.

April	6	+23 56 30.85
	11	30.96

(*), $8^h\ 28^m\ 30^s$.

April	8	+24 32 42.38

WEISSE (2) VIII, 675, $8^h\ 28^m\ 41^s$.

April	9	+23 44 0.00

WEISSE VIII, 736, $8^h\ 28^m\ 47^s$.

1856.		° ′ ″
March	19	+12 20 15.19

(*), $8^h\ 29^m\ 53^s$.

March	3	− 9 13 48.77

(*), $8^h\ 30^m\ 50^s$.

March	31	+ 6 52 33.83

(*), $8^h\ 31^m$.

April	6	+23 22 44.75

(*), $8^h\ 34^m\ 31^s$.

March	29	−14 21 41.75

(*), $8^h\ 35^m\ 13^s$.

April	9	+23 1 37.21
	11	37.64

WEISSE (2) VIII, 898, $8^h\ 35^m\ 34^s$.

April	6	+23 12 51.83
	8	51.26

WEISSE (2) VIII, 969, $8^h\ 38^m\ 53^s$.

February	21	+40 6 28.39
	22	28.70
	29	29.03

ε HYDRÆ, $8^h\ 39^m\ 22^s$.

March	3	+ 6 55 49.31
	17	48.56
	19	46.89
	24	48.87
	31	48.09

WEISSE (2) VIII, 1018, $8^h\ 40^m\ 50^s$.

April	6	+22 45 35.09
	8	33.45

WEISSE (2) VIII, 1013, $8^h\ 40^m\ 52^s$.

February	21	+40 6 19.40
	22	19.03
	29	19.82

(*), $8^h\ 40^m\ 55^s$.

April	6	+22 42 59.87

B. A. C. 2995, $8^h\ 43^m\ 13^s$.

March	25	+15 52 3.25
	31	2.40

WEISSE (2) VIII, 1098, $8^h\ 44^m\ 26^s$.

April	9	+22 54 45.84
	11	45.88

WEISSE (2) VIII, 1145, $8^h\ 46^m\ 26^s$.

April	8	+22 20 59.44
	18	59.43

Hosted by Google

WEISSE (2) VIII, 1181, $8^h\ 47^m\ 53^s$.

1856.		° ′ ″
April	6	+22 13 29.11

RUMKER 2699, $8^h\ 48^m\ 54^s$.

March	3	+18 0 59.29
	15	59.24
	17	58.39

LALANDE 17662, $8^h\ 49^m\ 34^s$.

February	29	−13 22 15.35
March	19	15.25

ι URSÆ MAJORIS, $8^h\ 49^m\ 36^s$.

February	21	+48 35 18.55
March	29	18.93

RUMKER 2702, $8^h\ 49^m\ 40^s$.

April	1	+54 19 7.95

WEISSE VIII, 1282, $8^h\ 49^m\ 50^s$.

February	29	−13 23 47.69
March	19	48.11

(*), $8^h\ 50^m\ 13^s$.

March	25	−13 9 40.01
	31	41.03

WEISSE (2) VIII, 1252, $8^h\ 50^m\ 46^s$.

April	11	+21 42 25.27

WEISSE (2) VIII, 1291, $8^h\ 52^m\ 40^s$.

April	18	+22 0 39.67

WEISSE VIII, 1367, $8^h\ 53^m\ 16^s$.

March	3	+ 9 5 37.75
	15	39.06
	17	37.27

WEISSE (2) VIII, 1322, $8^h\ 54^m\ 14^s$.

April	6	+21 32 19.25
	8	18.01

WEISSE VIII, 1439, $8^h\ 56^m\ 30^s$.

March	19	−13 27 8.82
	31	7.95
April	1	9.69

WEISSE (2) VIII, 1438, $8^h\ 58^m\ 43^s$.

April	6	+21 4 31.03
	8	30.85

WEISSE (2) 1446, VIII, $8^h\ 59^m\ 5^s$.

April	6	+21 9 27.95
	8	27.85

WEISSE (2) VIII, 1475, $8^h\ 59^m\ 53^s$.

1856.		° ′ ″
April	11	+21 27 30.39
	18	30.20

WEISSE (2) IX, 79, $9^h\ 4^m\ 53^s$.

April	11	+20 35 43.67

WEISSE (2) IX, 81, $9^h\ 4^m\ 54^s$.

April	11	+20 37 15.35

(*), $9^h\ 8^m\ 38^s$.

April	8	+20 13 37.41

WEISSE (2) IX, 207, $9^h\ 10^m\ 49^s$.

April	6	+20 0 27.81
	11	26.77

83 CANCRI, $9^h\ 11^m\ 10^s$.

April	1	+18 17 49.03

B. A. C. 3181, $9^h\ 12^m\ 45^s$.

April	18	+19 40 52.63

(*), $9^h\ 13^m\ 29^s$.

April	6	+20 1 58.15
	11	57.89

O. ARG. N. 9842, $9^h\ 15^m\ 9^s$.

February	29	+50 52 33.18
March	3	34.00

O. ARG. N. 9844, $9^h\ 15^m\ 12^s$.

March	19	+50 46 17.10
	24	17.47

B. A. C. 3194, $9^h\ 15^m\ 25^s$.

March	29	+25 46 45.10

WEISSE (2) IX, 377, $9^h\ 18^m\ 8^s$.

April	1	+23 14 49.47

WEISSE (2) IX, 383, $9^h\ 18^m\ 17^s$.

April	1	+23 14 47.49

α HYDRÆ, $9^h\ 20^m\ 42^s$.

February	29	− 8 3 11.25

WEISSE (2) IX, 486, $9^h\ 23^m\ 29^s$.

March	3	+25 1 42.81

θ URSÆ MAJORIS, $9^h\ 23^m\ 29^s$.

April	18	+52 18 46.35

WEISSE IX, 563, $9^h\ 26^m\ 3^s$.

1856.		° ′ ″
March	19	+12 42 23.21
	24	23.97

WEISSE IX, 579, $9^h\ 26^m\ 47^s$.

March	25	+12 9 2.88
	29	4.49
April	1	4.35

WEISSE (2) IX, 650, $9^h\ 30^m\ 44^s$.

April	18	+21 46 55.48

(*), $9^h\ 31^m\ 15^s$.

March	24	+12 40 54.17
	31	52.16

WEISSE (2) IX, 660, $9^h\ 31^m\ 17^s$.

March	25	+21 5 29.48
	29	30.45

WEISSE (2) IX, 662, $9^h\ 31^m\ 20^s$.

April	18	+21 49 41.00

WEISSE (2) IX, 686, $9^h\ 32^m\ 43^s$.

March	3	+39 35 19.72
	19	17.81

B. A. C. 3318, $9^h\ 35^m\ 32^s$.

April	1	+20 49 53.04
	8	52.86

ε LEONIS, $9^h\ 37^m\ 54^s$.

March	24	+24 25 0.44

(*), $9^h\ 39^m\ 6^s$.

March	25	+11 1 59.45

WEISSE IX, 868, $9^h\ 40^m\ 0^s$.

March	31	−11 17 32.09

WEISSE IX, 871, $9^h\ 40^m\ 14^s$.

March	19	+11 1 53.08
	25	53.05
	29	53.92

WEISSE IX, 887, $9^h\ 40^m\ 50^s$.

April	1	+11 12 24.54

WEISSE IX, 1024, $9^h\ 47^m\ 20^s$.

April	9	+10 46 21.47
	11	22.08

RUMKER 3002, $9^h\ 47^m\ 50^s$.

March	31	+19 29 2.44
April	8	2.48

WEISSE (2) IX, 1047, $9^h\ 49^m\ 19^s$.

1856.		° ′ ″
March	29	+17 43 16.59
April	1	15.59

WEISSE (2) IX, 1096, $9^h\ 51^m\ 43^s$.

March	19	+18 46 32.75
	25	31.74

(*), $9^h\ 56^m\ 4^s$.

March	29	+13 32 16.78

RUMKER 3061, $9^h\ 57^m\ 22^s$.

March	29	+13 31 29.21
April	8	30.20

WEISSE (2) IX, 1214, $9^h\ 57^m\ 27^s$.

April	1	+18 14 48.17
	9	48.12
	11	48.27

WEISSE IX, 1259, $9^h\ 59^m\ 6^s$.

March	25	+13 27 47.33

WEISSE (2) IX, 1273, $9^h\ 59^m\ 55^s$.

March	19	+39 26 49.38

RUMKER 3069, $10^h\ 0^m\ 45^s$.

April	26	+12 40 46.60

α LEONIS, $10^h\ 0^m\ 55^s$.

April	26	+12 38 59.12
May	12	61.41

WEISSE (2) X, 1316, $10^h\ 1^m\ 32^s$.

March	24	+21 1 2.01

WEISSE X, 45, $10^h\ 4^m\ 5^s$.

April	11	+12 43 30.22
	26	29.70

WEISSE (2) X, 106, $10^h\ 5^m\ 23^s$.

March	25	+17 13 31.07
	29	31.67
	31	30.89
April	1	29.75

RUMKER 3106, $10^h\ 7^m\ 42^s$.

March	19	+12 22 5.14

WEISSE (2) X, 157, $10^h\ 8^m\ 13^s$.

April	8	+41 58 19.36
	9	19.08

WEISSE (2) X, 165, $10^h\ 8^m\ 46^s$.

April	8	+43 20 4.98
	9	5.17

Hosted by Google

Σ CAT. GEN. 1198, 10h 13m 33s.

1856.		° ′ ″
March	25	+44 36 34.24
	29	34.43

WEISSE X, 224, 10h 13m 40s.

March	24	− 4 40 45.16

WEISSE X, 229, 10h 14m 2s.

March	24	− 4 42 46.11

B. A. C. 3559, 10h 17m 41s.

April	8	+36 8 12.82
	9	12.49

B. A. C. 3560, 10h 17m 53s.

March	31	+34 30 27.39
April	1	27.38

WEISSE (2) X, 360, 10h 18m 48s.

April	29	+17 56 6.47

WEISSE X, 316, 10h 19m 0s.

April	11	+11 12 55.96
	26	55.33

WEISSE (2) X, 374, 10h 19m 18s.

April	29	+17 55 58.69

WEISSE X, 330, 10h 19m 41s.

April	11	+11 9 27.50

O. ARG. N. 10857, 10h 20m 10s.

March	19	+45 55 31.94
	24	33.95
	25	33.20

RUMKER 3209, 10h 22m 2s.

March	29	+17 41 44.13

O. ARG. N. 10911, 10h 24m 7s.

April	22	+44 54 1.83
	26	1.32

(*), 10h 27m 18s.

March	31	− 9 10 38.93
April	1	38.55
	8	39.52

WEISSE X, 520, 10h 29m 33s.

April	9	−11 28 44.84

WEISSE X, 526, 10h 29m 42s.

March	31	− 9 6 25.73
April	29	25.77

O. ARG. N. 11017 10h 31m 46s.

1856.		° ′ ″
March	19	+47 34 11.40
	24	11.90
	25	11.86

(*), 10h 34m 0s.

April	1	−11 28 6.25
	9	7.27
	11	7.10

WEISSE (2) X, 693, 10h 34m 26s.

April	29	+37 15 0.33

WEISSE (2) X, 754, 10h 37m 22s.

March	24	+39 40 31.54
	25	31.95
April	8	31.20

WEISSE (2) X, 776, 10h 38m 22s.

March	19	+36 22 22.10
	29	23.24
	31	24.11

l LEONIS, 10h 41m 53s.

April	8	+11 17 6.21
	9	5.53
	11	6.51
	22	7.32

WEISSE (2) X, 961, 10h 48m 0s.

March	24	+35 49 1.92
	25	1.57

O. ARG. N. 11258, 10h 48m 53s.

April	11	+47 56 52.49
	22	53.23

(*), 10h 49m 18s.

March	29	+35 56 43.10
	31	43.34
April	1	43.07

(*), 10h 50m 12s.

April	1	+35 54 28.44
	8	28.55

WEISSE X, 914, 10h 50m 52s.

April	9	+10 26 56.80
	29	56.79

WEISSE (2) X, 1022, 10h 51m 14s.

April	8	+35 52 59.19
	26	59.25

O. ARG. N. 11325, 10h 52m 58s.

March	24	+48 25 58.75
	25	58.57
April	22	59.68

α URSÆ MAJORIS, 10h 55m 3s.

1856.		° ′ ″
March	29	+62 30 22.10
	31	21.33
April	1	21.89
	9	21.79
	11	22.05

δ LEONIS, 11h 6m 39s.

April	1	+21 17 25.03
	8	24.90
	9	24.64
	11	25.10
	26	25.30

WEISSE (2) XI, 126, 11h 7m 33s.

March	24	+32 55 23.15

δ CRATERIS, 11h 12m 21s.

April	1	−14 1 16.41
	8	17.17
	9	17.95
	11	16.54

WEISSE XI, 217, 11h 13m 28s.

April	26	−11 54 29.65
	29	29.86

WEISSE XI, 233, 11h 14m 23s.

March	24	+ 4 58 31.90

LALANDE 21645, 11h 14m 28s.

April	29	−11 56 1.31

WEISSE XI, 253, 11h 15m 24s.

April	26	−11 53 5.80

WEISSE XI, 258, 11h 15m 52s.

March	24	+ 4 54 16.90

B. A. C. 3915, 11h 23m 11s.

April	26	+19 10 50.40

RUMKER 3615, 11h 24m 12s.

April	22	+18 31 24.39

WEISSE XI, 462, 11h 27m 14s.

March	24	− 4 45 15.67
April	29	15.41

WEISSE (2) XI, 633, 11h 32m 54s.

March	24	+26 55 49.91
April	29	49.46

RUMKER 3706, 11h 35m 26s.

April	9	+12 38 22.91
	22	24.39

(*), 11h 39m 27s.

1856.		° ′ ″
April	26	+24 45 20.76

β LEONIS, 11h 41m 55s.

March	24	+15 21 16.34
May	15	15.66

WEISSE (2) XI, 822, 11h 42m 1s.

April	9	+17 1 23.88
	29	23.78

WEISSE (2) XI, 838, 11h 42m 52s.

April	22	+18 39 48.93

CARRINGTON 1762, 11h 44m 40s.

April	26	+87 0 0.15

O. ARG. S. 11828, 11h 53m 25s.

May	15	−21 3 25.67

(*), 11h 53m 29s.

April	9	−15 4 60.46
	22	59.75

WEISSE XI, 1023, 12h 0m 33s.

April	26	+ 7 32 51.61

ε CORVI, 12h 2m 56s.

April	9	−21 50 27.39
	22	26.19
May	15	27.53

WEISSE XII, 119, 12h 8m 51s.

April	26	+ 8 13 29.77

WEISSE XII, 160, 12h 11m 0s.

May	15	+ 5 52 21.51

RUMKER 3907, 12h 12m 31s.

April	22	+ 6 19 34.14
	26	33.28

η VIRGINIS, 12h 12m 45s.

April	29	+ 0 6 41.24

(*), 12h 20m 27s.

May	15	− 6 48 20.59

WEISSE (2) XII, 424, 12h 20m 34s.

April	26	+25 0 10.56

WEISSE XII, 335, 12h 20m 45s.

April	22	− 6 47 31.66
May	15	31.87

Hosted by Google

WEISSE (2) XII, 478, 12h 22m 57s.

1856.		° ′ ″
April	26 . .	+25 6 52.92

WEISSE (2) XII, 599, 12h 28m 9s.

April	22 . .	+22 39 15.38

WEISSE XII, 519, 12h 31m 31s.

April	26 . .	+14 34 39.36

(*), 12h 31m 48s.

April	26 . .	+14 34 26.47

WEISSE XII, 661, 12h 38m 50s.

May	19 . .	− 0 3 19.21

B. A. C. 4301, 12h 41m 54s.

April	29 . .	+14 53 16.31

WEISSE (2) XII, 877, 12h 43m 19s.

April	22 . .	+18 25 0.76
	26 . .	0.89

α CANUM VENAT., 12h 49m 28s.

April	29 . .	+39 4 30.16

LALANDE 24193, 12h 52m 42s.

April	26 . .	+ 0 31 35.82

WEISSE XII, 929, 12h 54m 25s.

April	22 . .	+13 55 23.88
May	10 . .	23.65
	15 . .	22.72

WEISSE XII, 933, 12h 54m 42s.

May	15 . .	+13 55 43.81

WEISSE XII, 1038, 13h 0m 35s.

April	26 . .	+13 1 25.32

(*), 13h 3m 6s.

April	22 . .	+13 4 3.71
	26 . .	3.83

WEISSE XIII, 44, 13h 4m 18s.

May	10 . .	+12 57 34.11
	15 . .	32.58

WEISSE XIII, 69, 13h 5m 35s.

May	19 . .	+12 18 7.17

WEISSE XIII, 145, 13h 9m 46s.

April	26 . .	+ 2 55 39.45

WEISSE XIII, 181, 13h 11m 42s.

1856.		° ′ ″
April	22 . .	− 1 47 32.58

WEISSE XIII, 208, 13h 13m 6s.

May	15 . .	+10 44 15.63

(*), 13h 13m 36s.

May	10 . .	+12 59 3.77

α VIRGINIS, 13h 17m 49s.

April	28 . .	−10 25 45.63
May	10 . .	44.94

WEISSE XIII, 334, 13h 21m 25s.

April	22 . .	+ 7 25 46.98
	26 . .	47.72
May	15 . .	47.00

WEISSE XIII, 370, 13h 23m 21s.

May	19 . .	+ 8 8 22.83

WEISSE XIII, 472, 13h 28m 55s.

May	10 . .	+ 7 13 39.99

(* 48) W., 13h 28m 40s.

May	15 . .	+80 48 55.63

(* 50) W., 13h 41m 55s.

May	15 . .	+78 21 58.77

η URSÆ MAJORIS, 13h 42m 1s.

April	26 . .	+50 0 48.02
	28 . .	48.45
May	10 . .	48.32
	20 . .	48.60

WEISSE XIII, 808, 13h 47m 39s.

April	22 . .	−11 45 33.77
	26 . .	32.99

η BOOTIS, 13h 48m 1s.

May	20 . .	+19 6 3.95

RUMKER 4529, 13h 51m 5s.

May	19 . .	+25 41 6.40

WEISSE XIII, 893, 13h 52m 35s.

May	15 . .	−12 1 29.85

LALANDE 25762, 13h 55m 51s.

May	20 . .	−13 40 47.94
	21 . .	47.36

(*), 14h 1m 44s.

April	22 . .	− 6 8 50.33
	26 . .	48.61

WEISSE XIV, 31, 14h 3m 8s.

1856.		° ′ ″
May	15 . .	− 5 53 46.22
	20 . .	45.42

WEISSE XIV, 130, 14h 8m 30s.

May	15 . .	− 8 43 25.07

α BOOTIS, 14h 9m 17s.

April	28 . .	+19 54 46.62
May	10 . .	47.55
	21 . .	46.53

WEISSE XIV, 179, 14h 11m 5s.

May	15 . .	− 8 45 37.93

WEISSE XIV, 252, 14h 14m 48s.

May	20 . .	− 9 15 14.07

RUMKER 4697, 14h 18m 49s.

May	10 . .	+ 1 37 44.53
	19 . .	41.32

B. A. C. 4798, 14h 22m 43s.

May	21 . .	+ 1 27 19.13

RUMKER 4730, 14h 24m 15s.

May	15 . .	+ 1 32 3.47
	20 . .	5.25

WEISSE XIV, 540, 14h 29m 47s.

May	10 . .	− 3 16 45.64
	15 . .	47.11
	19 . .	46.13

B. A. C. 4869, 14h 38m 22s.

May	21 . .	+ 1 18 38.78

ε BOOTIS, 14h 38m 52s.

May	15 . .	+27 39 58.48

α¹ LIBRÆ, 14h 42m 57s.

May	15 . .	−15 24 44.77

α² LIBRÆ, 14h 43m 8s.

May	22 . .	−15 27 26.03

11 LIBRÆ, 14h 43m 42s.

May	19 . .	− 1 42 47.71

GROOMBRIDGE 2168, 14h 50m 49s.

May	20 . .	+43 25 32.45
	22 . .	31.59

GROOMBRIDGE 2169, 14h 50m 51s.

May	22 . .	+43 21 32.69

β URSÆ MINORIS, 14h 51m 9s.

1856,		° ′ ″
May	15 . .	+74 43 40.01

O. ARG. N. 15053, 14h 58m 8s.

May	20 . .	+45 11 37.15

WEISSE XIV, 1131, 15h 0m 20s.

May	22 . .	+ 0 27 22.98

WEISSE XIV, 1142, 15h 0m 51s.

May	22 . .	+ 0 29 3.69

WEISSE XIV, 1150, 15h 1m 20s.

June	4 . .	−13 27 40.09

WEISSE XV, 2, 15h 1m 53s.

May	15 . .	− 2 2 18.50

WEISSE XV, 79, 15h 6m 3s.

May	23 . .	−13 29 45.31

WEISSE (2) XV, 140, 15h 6m 32s.

May	20 . .	+46 0 38.19

β LIBRÆ, 15h 9m 29s.

June	4 . .	− 8 51 48.63

WEISSE XV, 249, 15h 14m 49s.

May	20 . .	−14 22 26.05
	22 . .	26.33

WEISSE XV, 281, 15h 16m 20s.

May	23 . .	−13 48 29.24

WEISSE XV, 287, 15h 16m 36s.

May	28 . .	− 9 48 57.57
July	21 . .	58.35

WEISSE XV, 400, 15h 22m 9s.

June	4 . .	−14 19 43.35

α CORONÆ BOREALIS, 15h 28m 46s.

May	20 . .	+27 11 16.18
	28 . .	16.78
June	20 . .	16.65
July	5 . .	18.05
	21 . .	16.57

LALANDE 28453, 15h 30m 44s.

May	21 . .	−17 12 7.56

WEISSE XV, 585, 15h 31m 28s.

May	19 . .	− 1 19 27.77

Hosted by Google

(*), 15h 32m 56s.

1856.		° ′ ″
May	23	−15 32 14.64

WEISSE XV, 620, 15h 32m 58s.

May	20	− 1 52 13.04
	28	11.77

B. A. C. 5184, 15h 34m 55s.

June	4	−15 33 40.94
	21	41.96

LALANDE 28607, 15h 35m 35s.

June	18	−10 28 22.23

LALANDE 28617, 15h 36m 1s.

July	1	−16 25 21.03

LALANDE 28697, 15h 37m 54s.

May	21	−16 30 29.84
June	3	29.89

WEISSE XV, 744, 15h 39m 16s.

June	20	−14 47 51.30

WEISSE XV, 792, 15h 41m 56s.

May	22	−14 23 35.59
	23	37.18

WEISSE XV, 828, 15h 43m 18s.

May	19	−10 33 47.87

LALANDE 28838, 15h 43m 34s.

June	18	−18 30 42.86
July	1	42.35

(*), 15h 43m 44s.

May	22	−14 20 48.06

WEISSE XV, 844, 15h 44m 0s.

July	21	− 2 39 49.34

WEISSE XV, 845, 15h 44m 7s.

May	20	−14 12 41.61
	28	41.28

WEISSE XV, 864, 15h 45m 26s.

June	3	−14 17 34.03
July	5	33.70

(*), 15h 45m 54s.

July	1	−18 31 53.43

WEISSE XV, 939, 15h 49m 49s.

May	21	− 2 34 44.79

WEISSE XV, 976, 15h 51m 55s.

1856.		° ′ ″
May	20	−10 51 34.20
	22	34.38

WEISSE XV, 1011, 15h 53m 53s.

May	20	−10 52 51.72
	22	51.72

WEISSE XV, 1019, 15h 54m 19s.

May	20	−10 53 49.27
	22	49.25

B. A. C. 5324, 15h 56m 40s.

May	23	−10 59 1.04
	28	1.14

β^1 SCORPII, 15h 57m 18s.

June	3	−19 25 7.52
	18	7.36
	19	8.13
July	1	8.23
	25	7.89

WEISSE XV, 1093, 15h 58m 4s.

July	5	− 2 57 43.31
	10	43.52
	15	43.77

B. A. C. 5345, 15h 59m 28s.

May	21	−24 4 57.68

B. A. C. 5351, 15h 59m 50s.

June	20	−12 21 55.70

(*), 16h 3m 14s.

May	22	−21 13 8.24

(*), 16h 5m 49s.

May	20	−12 40 25.62
June	3	26.83
	16	24.68

GROOMBRIDGE 2319, 16h 5m 20s.

June	18	+70 38 8.30
	19	8.82

B. A. C. 5408, 16h 6m 35s.

May	23	−18 10 19.73
July	15	20.31

δ OPHIUCHI, 16h 7m 1s.

June	21	− 3 19 50.49
	27	50.90
July	14	52.02
	25	51.46

WEISSE XVI, 121, 16h 7m 20s.

July	10	−12 52 7.54

(*), 16h 10m 11s.

1856.		° ′ ″
May	22	−13 5 43.52

LALANDE 29696, 16h 11m 28s.

July	21	−18 29 5.32

(* 11) W., 16h 12m 25s.

June	21	−21 30 2.08

O. ARG. N. 16117, 16h 15m 41s.

July	15	+71 10 49.88

B. A. C. 5467, 16h 15m 55s.

May	21	−19 42 21.17

α SCORPII, 16h 20m 50s.

May	20	−26 7 2.97
	22	2.87
	28	2.85
June	27	2.87
July	1	2.56
	5	3.52
	14	4.69
	17	4.03
	21	2.81
	25	3.27

η DRACONIS, 16h 22m 6s.

July	22	+61 49 55.35

(*), 16h 27m 46s.

May	20	− 4 7 22.76
	22	22.64

LALANDE 30207, 16h 29m 57s.

May	28	−22 36 19.21

(*), 16h 30m 42s.

July	1	−26 10 44.49
	10	45.08
	17	46.36

O. ARG. S. 15811, 16h 31m 35s.

July	1	−26 10 23.73
	10	23.03
	17	23.12

(*), 16h 34m 29s.

July	1	−26 11 12.42
	10	12.08
	17	12.84

LALANDE 30479, 16h 38m 42s.

June	19	−19 50 25.06

LALANDE 30556, 16h 41m 31s.

May	20	−26 29 36.48
	22	36.90
June	3	37.96
	18	36.85
July	1	36.88
	4	37.06
	10	36.92

(*), 16h 43m 10s.

1856.		° ′ ″
May	20	−26 37 47.08
	22	49.11
	28	48.50
June	20	49.70
	21	48.90

(*), 16h 43m 33s.

May	20	−26 40 38.66
	22	39.14
	28	37 58
June	21	38.87

LALANDE 30641, 16h 44m 9s.

May	23	−19 6 53.85
July	21	54.03

(*), 16h 44m 16s.

June	3	−26 30 41.84
	19	40.15
July	10	40.82
	15	39.67

LALANDE 30671, 16h 45m 5s.

July	22	− 4 54 41.35

B. A. C. 5663, 16h 45m 9s.

June	2	−20 10 38.21
July	26	40.35

(*), 16h 45m 34s.

July	1	−26 30 19.36
	4	19.31
	10	21.19
	15	20.76

(*), 16h 48m 48s.

July	10	−26 27 34.27

LALANDE 30788, 16h 49m 21s.

May	23	−21 33 2.88
	28	2.46
	26	4.11

O. ARG. S. 16158, 16h 49m 48s.

June	3	−26 53 25.06
	19	23.99
	21	24.43
July	1	24.56

O. ARG. S. 16168, 16h 50m 41s.

June	3	−26 57 37.84
	19	36.67
	21	37.96
July	1	37.12

O. ARG. S. 16206, 16h 52m 36s.

May	20	−27 2 17.89
	21	18.29
	22	18.39
June	18	18.34

O. ARG. S. 16208, 16h 52m 45s.

May	22	−27 3 42.55
June	18	41.79

Hosted by Google

O. Arg. S. 16240, $16^h\ 54^m\ 22^s$.

1856.		° ′ ″
July	1	−26 53 31.35

O. Arg. S. 16262, $16^h\ 55^m\ 18^s$.

May	20	−27 0 38.73
	21	40.07
	22	39.60
June	18	38.51

Groombridge 2411, $16^h\ 59^m\ 5^s$.

June	20	+73 20 17.92

B. A. C. 5771, $17^h\ 0^m\ 7^s$.

June	2	−17 25 10.33
	19	10.51
July	17	10.99

O. Arg. S. 16366, $17^h\ 0^m\ 21^s$.

May	22	−27 12 41.09
	23	39.74
	28	41.00
June	18	40.35

ε Ursæ Minoris, $17^h\ 0^m\ 27^s$.

July	4	+82 15 41.00
	10	40.78
	15	41.93
	21	41.62
	22	42.23
	24	41.49
	26	41.36

Groombridge 2418, $17^h\ 3^m\ 21^s$.

June	21	+73 23 23.42
July	1	22.56

O. Arg. S. 16532, $17^h\ 7^m\ 44^s$.

May	20	−27 23 56.32
	22	55.79
June	3	55.18
	19	54.32

α Herculis, $17^h\ 8^m\ 16^s$.

July	22	+14 33 9.98
	24	9.69
	26	10.10
August	6	8.96

B. A. C. 5827, $17^h\ 9^m\ 29^s$.

July	25	−24 7 48.26

B. A. C. 5829, $17^h\ 9^m\ 29^s$.

July	25	−24 7 40.44

(*), $17^h\ 11^m\ 20^s$.

May	22	−27 37 22.29
	28	20.71
June	2	21.08
	3	22.19
	19	20.82

B. A. C. 5839, $17^h\ 11^m\ 45^s$.

1856.		° ′ ″
May	23	−17 36 21.32
June	18	23.00
	20	21.96
	27	21.44

Weisse XVII, 202, $17^h\ 12^m\ 31^s$.

July	21	− 5 45 42.57

(*), $17^h\ 13^m\ 28^s$.

May	20	−27 51 34.32
	21	36.10
	22	35.12
July	14	36.40
	17	34.85

(*), $17^h\ 13^m\ 47^s$.

June	16	−24 48 47.08

O. Arg S. 16676, $17^h\ 14^m\ 0^s$.

June	3	−27 32 7.01
	19	5.35
July	10	7.69
	15	7.09

Lalande 31543, $17^h\ 14^m\ 27^s$.

May	28	−17 33 46.62
June	18	46.79
	20	46.59
	27	45.81

(*), $17^h\ 14^m\ 28^s$.

June	21	−27 49 42.74
July	1	43.95
	4	42.51

Weisse XVII, 254, $17^h\ 15^m\ 12^s$.

July	22	− 6 11 10.84

Lalande 31784, $17^h\ 21^m\ 31^s$.

May	20	−17 41 22.17
	22	21.44
June	3	22.62
	19	21.91

O. Arg. S. 16854, $17^h\ 21^m\ 49^s$.

May	20	−17 41 44.23
	22	44.42
	23	44.78
June	3	44.79
	18	44.95
	19	44.58

Lalande 31931, $17^h\ 25^m\ 49^s$.

May	20	−17 44 0.15
	22	0.32
	28	0.73
June	3	0.39
	18	0.85

β Draconis, $17^h\ 27^m\ 17^s$.

1856.		° ′ ″
July	1	+52 24 24.14
	4	23.93
	15	23.34
	21	23.60
	22	22.95

Madras 1165, $17^h\ 26^m\ 58^s$.

August	6	−24 31 40.35

α Ophiuchi, $17^h\ 28^m\ 26^s$.

June	21	+12 39 54.27
July	10	54.32
	17	54.35
August	7	53.66
	9	54.01

Lalande 32045, $17^h\ 29^m\ 18^s$.

August	22	−24 52 33.89

B. A. C. 5946, $17^h\ 29^m\ 22^s$.

May	20	−27 57 25.59
	21	26.66
	22	25.43
June	20	26.26

O. Arg. S. 17063, $17^h\ 32^m\ 33^s$.

June	3	−18 0 15.29
	18	15.43
	19	15.63

O. Arg. S. 17068, $17^h\ 32^m\ 56^s$.

June	3	−18 4 9.12
	19	10.46

(*), $17^h\ 33^m\ 8^s$.

August	22	−19 22 40.29

O. Arg. S. 17098, $17^h\ 34^m\ 7^s$.

August	9	−19 19 40.67

O. Arg. S. 17114, $17^h\ 35^m\ 2^s$.

August	9	−19 26 10.94

Taylor 8219, $17^h\ 39^m\ 16^s$.

May	20	−18 2 60.43
	22	60.53
	23	59.93
June	3	60.44
	18	60.49
	19	60.73

Weisse XVII, 787, $17^h\ 40^m\ 10^s$.

July	22	−13 33 7.46
	25	7.33

μ Herculis, $17^h\ 40^m\ 59^s$.

July	10	+27 48 18.44
	17	18.13
August	6	18.04

Weisse XVII, 810, $17^h\ 41^m\ 17^s$.

1856.		° ′ ″
June	2	−11 17 24.05
July	15	24.18
	24	24.68

Weisse XVII, 834, $17^h\ 42^m\ 33^s$.

May	28	−12 6 53.09
June	21	53.62

Weisse XVII, 835, $17^h\ 42^m\ 38^s$.

June	14	−12 53 23.54
July	26	24.82

Lalande 32559, $17^h\ 43^m\ 14^s$.

August	22	−25 43 49.01

Weisse XVII, 867, $17^h\ 44^m\ 3^s$.

August	7	−14 59 8.30
	9	7.01

B. A. C. 6041, $17^h\ 44^m\ 14^s$.

August	22	−19 4 50.51

(*), $17^h\ 44^m\ 31^s$.

May	20	−28 1 10.01
	21	9.68
	22	10.67
June	19	9.92

Lalande 32706, $17^h\ 46^m\ 53^s$.

May	28	−18 15 41.16
June	2	39.56
	18	39.93
	20	39.52

B. A. C. 6063, $17^h\ 47^m\ 51^s$.

May	21	−28 2 17.50
	22	18.28
June	3	18.86
	19	17.79

B. A. C. 6065, $17^h\ 48^m\ 16^s$

July	14	−15 47 1.78
	22	1.10
	25	0.99

Weisse XVII, 966, $17^h\ 48^m\ 20^s$.

July	10	−15 9 20.02

(*), $17^h\ 48^m\ 21^s$.

July	4	−15 17 51.07
	24	51.32

Madras 1209, $17^h\ 48^m\ 45^s$.

June	21	−15 39 34.02
August	7	32.85

O. Arg. S. 17433, $17^h\ 50^m\ 35^s$.

July	26	−15 35 13.33

Hosted by Google

(*), $17^h\ 52^m\ 28^s$.

1856.		° ′ ″
June	21	−15 39 25.47
August	22	25.48

(*), $17^h\ 53^m\ 2^s$.

May	23	−27 52 5.62
	28	6.00
June	19	6.28
	20	7.16

γ Draconis, $17^h\ 53^m\ 21^s$.

July	15	+51 30 24.62
	17	24.63

(*), $17^h\ 54^m\ 5^s$.

May	21	−27 49 17.06
	22	17.18
June	3	17.91
July	1	17.25

O. Arg. S. 17558, $17^h\ 55^m\ 52^s$.

May	28	−27 51 54.19
June	19	54.16

Lalande 33089, $17^h\ 56^m\ 30^s$.

July	22	−17 1 60.26
	24	59.12

O. Arg. S. 17576, $17^h\ 56^m\ 31^s$.

May	22	−27 50 14.01
	28	13.93
June	3	13.74
July	1	13.42

(*), $17^h\ 59^m\ 37^s$.

May	22	−27 39 26.84
	23	28.04
June	18	27.14
July	4	28.93
	10	28.10
	14	29.76
	15	28.47
	17	28.83

O. Arg. S. 17695, $18^h\ 0^m\ 27^s$.

June	2	−27 45 2.73
	3	4.29
	19	2.48
July	1	2.99

(* 33) W., $18^h\ 2^m\ 52^s$.

July	24	−17 13 33.75
	26	34.42

B. A. C. 6161, $18^h\ 3^m\ 10^s$.

July	25	−23 43 32.15

O. Arg. S. 17833, $18^h\ 4^m\ 44^s$.

May	28	−25 10 50.45
June	3	51.56
	19	51.36
July	4	49.94

(*), $18^h\ 5^m\ 22^s$.

1856.		° ′ ″
June	2	−27 32 5.23
	18	6.89
	21	6.66
July	1	5.71

μ^1 Sagittarii, $18^h\ 5^m\ 23^s$.

August	15	−21 5 27.77
September	26	28.88

(*34) W., $18^h\ 6^m\ 29^s$.

July	22	−17 23 55.62

O. Arg. S. 17922, $18^h\ 7^m\ 17^s$.

May	23	−25 45 0.64
June	14	3.23
	15	1.99
	20	2.62

(*), $18^h\ 7^m\ 36^s$.

May	21	−27 27 14.37
	22	13.05
July	10	15.15

O. Arg. S. 17975, $18^h\ 9^m\ 3^s$.

Aug.	9	−23 38 7.00

B. A. C. 6194, $18^h\ 9^m\ 17^s$.

May	30	−27 5 19.94
June	3	20.06
	27	20.72
July	17	22.04

Lalande 33598, $18^h\ 9^m\ 37^s$.

June	18	−18 50 41.15
	19	41.42
July	4	42.62

(*), $18^h\ 10^m\ 0^s$.

May	28	−25 59 3.08
June	21	2.76
July	1	2.46

Lalande 33684, $18^h\ 11^m\ 24^s$.

July	24	−23 22 6.07
August	15	5.40

Lalande 33694, $18^h\ 11^m\ 40^s$.

July	26	−17 48 16.16
August	20	14.67

B. A. C. 6214, $18^h\ 12^m\ 30^s$.

May	20	−26 8 33.06
	22	33.43
July	15	33.77

Lalande 33748, $18^h\ 13^m\ 9^s$.

June	18	−18 55 4.68
	19	5.78
July	15	6.67

(*), $18^h\ 13^m$.

1856.		° ′ ″
June	21	−26 31 6.76

(*), $18^h\ 13^m$.

June	21	−26 30 30.17

Taylor 8458, $18^h\ 13^m\ 38^s$.

May	30	−26 28 38.09
July	1	38.85
	10	39.07
	17	38.92

B. A. C. 6222, $18^h\ 13^m\ 33^s$.

July	25	−22 58 54.59
August	7	54.53

O. Arg. S. 18151, $18^h\ 15^m\ 26^s$.

June	3	−26 30 53.46
	18	53.78

O. Arg. S. 18160, $18^h\ 15^m\ 55^s$.

May	28	−26 33 41.65
	30	42.13
June	3	42.23
	18	41.91
	21	42.52

δ Ursæ Minoris, $18^h\ 17^m\ 30^s$.

July	17	+86 36 7.53
	22	7.33

δ Ursæ Minoris, S. P., $18^h\ 17^m\ 30^s$.

March	15	+86 36 6.35
	17	5.81

O. Arg. S. 18229, $18^h\ 19^m\ 0^s$.

May	20	−26 42 45.29
	21	46.31
	22	46.35
	23	46.55

B. A. C. 6266, $18^h\ 19^m\ 38^s$.

July	25	−23 4 54 22
August	22	54.26
	23	54.43

(* 18) W., $18^h\ 19^m\ 45^s$.

July	24	−22 29 42.64
	26	43.84
August	15	44.33

(* 17) W., $18^h\ 21^m\ 13^s$.

July	15	−22 46 11.18
August	20	10.29

B. A. C. 6293, $18^h\ 23^m\ 11^s$.

August	7	−18 21 18.63
	9	17.76

B. A. C. 6294, $18^h\ 23^m\ 14^s$.

1856.		° ′ ″
August	6	−18 29 40.50
	22	42.06

B. A. C. 6301, $18^h\ 24^m\ 15^s$.

May	20	−19 4 5.95
	22	6.56
June	2	6.96
	3	7.27

Lalande 34229, $18^h\ 24^m\ 19^s$.

July	26	−22 13 57.27

O. Arg. S. 18413, $18^h\ 26^m\ 53^s$.

August	25	−22 11 46.56

Lalande 34354, $18^h\ 27^m\ 23^s$.

August	7	−18 39 26.77
	15	26.03

Lalande 34401, $18^h\ 28^m\ 20^s$.

July	24	−18 53 48.34
August	9	48.24

(* 19) W., $18^h\ 29^m\ 8^s$.

August	20	−21 48 46.61
	23	46.83

B. A. C. 6336, $18^h\ 29^m\ 31^s$.

August	25	−21 30 32.58

(* 35) W., $18^h\ 30^m\ 30^s$.

July	24	−18 53 59.92
August	9	59.22

(* 20) W., $18^h\ 32^m\ 20^s$.

July	26	−21 46 55.35
August	23	55.60

α Lyræ, $18^h\ 32^m\ 12^s$.

May	22	+38 39 20.25
	23	19.66
June	3	20.28
July	10	20.72
	15	19.40
October	8	19.42

(* 36) W., $18^h\ 36^m\ 2^s$.

July	24	−18 53 53.17
August	9	52.33

(* 21) W., $18^h\ 36^m\ 32^s$.

August	7	−21 29 59.92
	25	58.00

O. Arg. S. 18683, $18^h\ 40^m\ 3^s$.

August	23	−22 13 47.56
	25	45.85

Hosted by Google

(*), $18^h\ 41^m\ 4^s$.

1856.		° ′ ″
August	27	−44 37 41.40

BRISBANE 6501, $18^h\ 41^m\ 57^s$.

August	27	−44 41 41.99

MADRAS 1304, $18^h\ 44^m\ 43^s$.

August	26	−19 17 2.08

β LYRÆ, $18^h\ 44^m\ 55^s$.

July	26	+33 12 7.62
August	7	7.96
	9	8.49
	22	8.07
September	4	8.94
	26	9.67
October	8	8.67

B. A. C. 6454, $18^h\ 49^m\ 2^s$.

August	27	−20 50 7.83

B. A. C. 6461, $18^h\ 49^m\ 23^s$.

July	24	−21 17 12.57
	25	12.88
August	6	12.72

O. ARG. S. 18916, $18^h\ 51^m\ 12^s$.

July	22	−22 0 53.64

(*), $18^h\ 52^m\ 44^s$.

July	22	−22 2 5.95

O. ARG. S. 18978, $18^h\ 54^m\ 22^s$.

August	9	−20 37 39.15
	21	39.70

(* 22) W., $18^h\ 54^m\ 24^s$.

July	26	−20 36 24.00
August	7	24.46
	9	23.16
	21	23.98

LALANDE 35497, $18^h\ 54^m\ 50^s$.

August	15	−19 26 36.76

(*), $18^h\ 55^m\ 4^s$.

September	2	−15 4 43.57
	4	43.34

B. A. C. 6507, $18^h\ 56^m\ 16^s$.

July	25	−21 56 34.57

ζ AQUILÆ, $18^h\ 58^m\ 58^s$.

June	20	+13 39 30.06
September	18	28.95
	26	29.80

O. ARG. S. 19098, $18^h\ 59^m\ 39^s$.

1856.		° ′ ″
August	26	−21 54 34.94

O. ARG. S. 19104 $18^h\ 59^m\ 49^s$.

August	26	−22 0 18.87

B. A. C. 6536, $19^h\ 0^m\ 4^s$.

August	15	−19 30 20.33
	20	19.83
	27	20.81

B. A. C. 6548, $19^h\ 1^m\ 26^s$.

August	21	−21 14 31.96
September	10	32.30
October	8	32.70

B. A. C. 6550, $19^h\ 1^m\ 32^s$.

July	26	−20 1 15.49
August	6	15.63
	7	15.34
	9	14.74

O. ARG. S. 19245, $19^h\ 4^m\ 34^s$.

August	25	−26 8 14.12
	26	13.76

LALANDE 36087, $19^h\ 7^m\ 12^s$.

August	9	−20 1 27.26
September	26	28.29
October	6	29.21

O. ARG. S. 19306, $19^h\ 7^m\ 34^s$.

September	2	−22 4 35.74
	4	35.79
	18	36.83

O. ARG. S. 19319, $19^h\ 8^m\ 14^s$.

September	4	−22 2 19.63
	18	18.69

MADRAS 1351, $19^h\ 8^m\ 55^s$.

August	7	−21 18 57.93
	15	58.77

(*), $19^h\ 9^m\ 28^s$.

August	30	−18 9 55.46

O. ARG. S. 19374, $19^h\ 10^m\ 50^s$.

August	30	−18 10 41.86

ω AQUILÆ, $19^h\ 11^m\ 15^s$.

August	23	+11 20 44.54

B. A. C. 6616, $19^h\ 13^m\ 25^s$.

August	6	−19 29 31.54
September	15	32.00
October	8	33.43

B. A. C. 6619, $19^h\ 13^m\ 32^s$.

1856.		° ′ ″
August	30	−18 6 25.17

GR. C. 1719, $19^h\ 14^m\ 22^s$.

August	7	−20 54 2.56

O. ARG. S. 19472, $19^h\ 15^m\ 20^s$.

August	30	−18 7 8.54

(*), $19^h\ 17^m\ 58^s$.

September	18	−22 3 0.42

δ AQUILÆ, $19^h\ 18^m\ 26^s$.

June	2	+ 2 50 20.57
August	9	19.59
	15	18.90
	20	19.31
	23	19.15
	25	18.95
September	2	18.97
	4	20.12

O. ARG. S. 19623, $19^h\ 21^m\ 29^s$.

August	27	−19 46 30.62

(*), $19^h\ 21^m\ 58^s$.

August	27	−19 43 26.34

O. ARG. S. 19631, $19^h\ 21^m\ 58^s$.

August	21	−19 40 16.72

(*), $19^h\ 23^m\ 15^s$.

August	9	−20 42 36.26
	20	36.00

LALANDE 36857, $19^h\ 23^m\ 31^s$.

July	26	−19 40 36.33
August	21	35.62
	27	36.61
October	8	36.92

LALANDE 36878, $19^h\ 23^m\ 51^s$.

August	7	−20 41 34.41
	9	32.40
	20	33.34

O. ARG. S. 19715, $19^h\ 25^m\ 57^s$.

August	15	−19 52 6.94
	23	7.56
September	2	7.36

O. ARG. S. 19732, $19^h\ 27^m\ 5^s$.

September	20	−19 52 51.50

O. ARG. S. 19748, $19^h\ 27^m\ 54^s$.

September	2	−19 53 52.99

O. ARG. S. 19753, $19^h\ 28^m\ 3^s$.

1856.		° ′ ″
September	18	−19 12 31.58

B. A. C. 6707, $19^h\ 28^m\ 16^s$.

August	6	−19 9 28.66
September	10	29.59
	13	30.42
	18	29.56
	26	28.90

O. ARG. S. 19770, $19^h\ 28^m\ 39^s$.

September	13	−19 5 25.26

B. A. C. 6710, $19^h\ 28^m\ 56^s$.

October	8	−18 32 18.29

O. ARG. S. 19780, $19^h\ 29^m\ 8^s$.

August	25	−29 7 24.84
	29	23.60

O. ARG. S. 19811, $19^h\ 30^m\ 18^s$.

August	27	−20 37 6.61

(*), $19^h\ 30^m\ 20^s$.

August	26	−27 22 45.47

LALANDE 37221, $19^h\ 31^m\ 36^s$.

July	26	−22 22 43.44
September	18	42.73

MADRAS 1417, $19^h\ 31^m\ 55^s$.

July	25	−20 51 52.41
August	7	52.73
	9	51.54

O. ARG. S. 19863, $19^h\ 33^m\ 6^s$.

August	20	−26 42 20.46
	30	19.32

O. ARG. S. 19874, $19^h\ 33^m\ 48^s$.

August	15	−26 46 3.97
September	16	2.15

LALANDE 37507, $19^h\ 38^m\ 3^s$.

August	9	−21 51 33.72
September	13	33.78
October	8	33.63

B. A. C. 6760, $19^h\ 38^m\ 12^s$.

August	23	−20 5 37.69
September	10	38.59
	24	37.96
	26	37.71

O. ARG. S. 19956, $19^h\ 39^m\ 12^s$.

August	25	−22 10 1.17

Hosted by Google

O. ARG. S. 19957, $19^h\ 39^m\ 35^s$.

1856.	° ′ ″
August 29	−26 14 17.34

γ AQUILÆ, $19^h\ 39^m\ 36^s$.

August 7	+10 16 29.38
21	29.79
27	29.56

WEISSE XIX, 1160, $19^h\ 41^m\ 53^s$.

August 7	+10 20 57.44
26	57.15
27	56.71

(*), $19^h\ 43^m\ 2^s$.

September 4	−22 29 44.07

α AQUILÆ, $19^h\ 43^m\ 57^s$.

August 21	+ 8 30 5.42
23	5.22
September 3	5.83

(*), $19^h\ 44^m\ 21^s$.

September 16	−22 34 6.99
20	8.14

(*), $19^h\ 46^m\ 19^s$.

August 20	−22 6 8.52
25	8.22

LALANDE 37873, $19^h\ 47^m\ 15^s$.

August 29	−19 39 22.47
September 22	23.27
24	22.38

(*), $19^h\ 48^m\ 18^s$.

September 20	−22 37 26.04

(*), $19^h\ 49^m\ 27^s$.

August 9	−17 27 16.68
25	17.75
26	16.82

O. ARG. S. 20116, $19^h\ 50^m\ 16^s$.

August 27	−22 37 27.27
September 2	26.65

O. ARG. S. 20126, $19^h\ 50^m\ 46^s$.

August 27	−22 38 20.66
September 2	19.81

B. A. C. 6850, $19^h\ 51^m\ 16^s$.

September 2	−22 35 14.57
10	14.50
13	14.20
16	13.61
20	14.30

(*), $19^h\ 53^m\ 21^s$.

September 4	−22 29 29.82
13	29.58

LALANDE 38140, $19^h\ 53^m\ 32^s$.

1856.	° ′ ″
September 17	−17 14 56.61

LALANDE 38164, $19^h\ 53^m\ 54^s$.

August 15	−19 28 57.24
September 26	55.80

O. ARG. S. 20200, $19^h\ 56^m\ 9^s$.

September 16	−22 34 41.84
20	41.57

LALANDE 38290, $19^h\ 56^m\ 57^s$.

August 26	−19 9 50.23
September 24	49.45

MADRAS 1483, $19^h\ 57^m\ 24^s$.

August 20	−16 45 59.20
September 10	59.97

B. A. C. 6903, $20^h\ 0^m\ 8^s$.

August 21	−19 12 19.35
25	19.78
26	20.52
27	20.04
29	19.85
September 26	18.82

O. ARG. S. 20274, $20^h\ 1^m\ 38^s$.

September 22	−18 45 7.92

λ URSÆ MINORIS, $20^h\ 3^m\ 54^s$.

August 7	+88 53 25.83
23	26.24
30	24.75
September 2	24.84
4	25.70
16	25.64
18	25.03

λ URSÆ MINORIS, S. P., $20^h\ 3^m\ 54^s$.

March 17	+88 53 23.49

a^1 CAPRICORNI, $20^h\ 9^m\ 53^s$.

August 25	−12 56 15.38
26	16.78
27	16.54
29	16.03

a^2 CAPRICORNI, $20^h\ 10^m\ 17^s$.

August 25	−12 58 32.86
26	33.68
27	33.90
29	33.77
September 24	32.15
25	33.43

B. A. C. 6981, $20^h\ 11^m\ 20^s$.

August 21	−19 33 8.27
September 17	6.75
22	7.03

O. ARG. S. 20429, $20^h\ 13^m\ 12^s$.

1856.	° ′ ″
August 30	−23 55 0.99
September 2	0.42
4	0.02
26	0.05

(*), $20^h\ 14^m\ 54^s$.

September 18	−21 17 22.91
25	23.26

(*), $20^h\ 17^m\ 36^s$.

August 20	−33 45 32.32
26	33.73
27	33.10

LALANDE 39247, $20^h\ 18^m\ 13^s$.

September 3	−15 25 59.44
17	59.48

O. ARG. S. 20501, $20^h\ 18^m\ 43^s$.

September 18	−21 15 43.64
25	43.40

O. ARG. S. 20521, $20^h\ 19^m\ 53^s$.

August 29	−23 28 20.10

O. ARG. S. 20544, $20^h\ 21^m\ 23^s$.

August 7	−23 18 29.09
September 26	28.09

B. A. C. 7053, $20^h\ 21^m\ 51^s$.

August 30	−19 2 47.28
September 20	48.23

B. A. C. 7054, $20^h\ 21^m\ 52^s$.

August 30	−19 2 35.78
September 20	36.03
22	34.43

O. ARG. S. 20569, $20^h\ 23^m\ 26^s$.

September 27	−22 58 19.18

WEISSE XX, 610, $20^h\ 24^m\ 54^s$.

September 4	− 8 40 0.00
13	0.47

(*), $20^h\ 25^m\ 19^s$.

September 18	−21 22 13.51
25	12.13

WEISSE XX, 664, $20^h\ 26^m\ 54^s$.

August 20	−14 55 5.66

O. ARG. S. 20675, $20^h\ 30^m\ 14^s$.

September 17	−21 54 34.89
24	34.77

B. A. C. 7116, $20^h\ 30^m\ 18^s$.

1856.	° ′ ″
September 18	−21 28 43.00
20	42.32
27	41.65

(*), $20^h\ 30^m$.

September 27	−21 27 30.72

(*), $20^h\ 30^m\ 29^s$.

September 26	−21 49 8.85

O. ARG. S. 20697, $20^h\ 31^m\ 30^s$.

September 18	−21 25 38.04
20	37.21

B. A. C. 7134, $20^h\ 31^m\ 56^s$.

September 3	−18 37 41.84
22	41.34

O. ARG. S. 20709, $20^h\ 32^m\ 5^s$.

September 18	−21 27 5.11
20	5.63
27	4.29

WEISSE XX, 860, $20^h\ 34^m\ 4^s$.

October 8	−14 23 56.52

B. A. C. 7159, $20^h\ 34^m\ 42^s$.

August 30	−18 36 25.83
September 2	26.99
4	26.50

α CYGNI, $20^h\ 36^m\ 39^s$.

August 20	+44 46 54.38
25	54.52
26	53.61
September 13	54.96

(*), $20^h\ 36^m\ 45^s$.

September 26	−21 23 41.37

O. ARG. S. 20861, (1st *,) $20^h\ 40^m\ 27^s$.

September 4	−18 42 43.18
13	42.99
October 7	42.69

O. ARG. S. 20861, (2d *,) $20^h\ 40^m\ 28^s$.

September 4	−18 42 50.46
13	50.58
October 7	48.90

WEISSE XX, 1022, $20^h\ 40^m\ 34^s$.

September 17	−12 58 5.26
18	6.43

Hosted by Google

O. Arg. S. 20902, $20^h\ 43^m\ 11^s$.

1856.		° ′ ″
September	2	−27 45 50.90
	16	50.12
October	10	50.72

(*), $20^h\ 43^m\ 34^s$.

August	20	−39 25 (47.47)
	25	44.46
	26	43.89

O. Arg. S. 20922, $20^h\ 45^m\ 4^s$.

September	20	−18 4 50.75
	27	52.39

B. A. C. 7249, $20^h\ 46^m\ 54^s$.

September	24	−18 27 1.95
October	3	2.35
	6	4.14

(*), $20^h\ 49^m\ 9^s$.

August	20	−39 31 33.06
	25	32.52
	26	32.04

(*), $20^h\ 50^m\ 27^s$.

September	18	−12 55 9.55
	27	7.79

(*), $20^h\ 51^m\ 10^s$.

August	30	+82 31 56.38
September	4	57.90
	16	56.92
October	10	55.91

B. A. C. 7282, $20^h\ 53^m\ 0^s$.

September	15	−18 4 26.07
	17	25.91

Weisse XX, 1394, $20^h\ 54^m\ 47^s$.

August	27	−12 59 37.76
September	18	38.52
	24	(35.73)
October	6	37.60

B. A. C. 7322, $20^h\ 58^m\ 5^s$.

September	2	−17 47 12.49
October	2	13.53
	3	10.67

61^1 Cygni, $21^h\ 0^m\ 37^s$.

August	25	+38 3 46.73
	26	46.36
	27	47.22
	30	46.20
September	2	45.60
	4	47.15
	16	46.37
	18	46.71
	20	45.48
	25	47.36
	27	47.16
October	2	46.17
	7	46.10

61^2 Cygni, $21^h\ 0^m\ 39^s$.

1856.		° ′ ″
August	25	+38 3 41.06
	26	40.96
	27	41.81
	30	40.92
September	2	39.96
	4	41.47
	13	41.11
	16	41.00
	18	41.18
	20	40.02
	25	40.90
	27	41.15
October	7	41.15

ζ Cygni, $21^h\ 6^m\ 59^s$.

August	25	+29 39 16.11
	27	15.84
	30	15.29
September	4	16.10
	13	16.23
	16	16.25
	20	16.28
	25	15.63
	27	15.44
October	2	15.66
	6	16.36

(*), $21^h\ 13^m\ 6^s$.

September	2	−21 24 33.24
	4	32.78
	18	33.31
October	10	33.92

α Cephei, $21^h\ 15^m\ 14^s$.

September	10	+61 59 35.77
	13	34.42

Weisse XXI, 346, $21^h\ 15^m\ 39^s$.

September	26	−11 11 1.95
October	3	1.01

B. A. C. 7425, $21^h\ 16^m\ 14^s$.

September	2	−21 26 39.88
	4	40.34
	18	40.87

(*), $21^h\ 17^m\ 17^s$.

September	25	−25 30 11.61
October	9	12.84

B. A. C. 7463, $21^h\ 22^m\ 9^s$.

October	10	−19 45 23.30
	12	21.71

(* 39) W., $21^h\ 22^m$.

September	25	−16 28 5.40

β Aquarii, $21^h\ 24^m\ 11^s$.

September	4	− 6 11 5.81
	10	5.67
	13	5.73
	16	5.53
	18	6.53
	20	4.68
October	7	6.12

B. A. C. 7485, $21^h\ 25^m\ 59^s$.

1856.		° ′ ″
September	26	−16 48 54.47
	30	52.92
October	6	54.33

(*), $21^h\ 28^m\ 11^s$.

October	9	−16 19 5.10

(*), $21^h\ 28^m\ 34^s$.

October	11	−19 0 56.78

B. A. C. 7507, $21^h\ 29^m\ 33^s$.

October	11	−19 3 45.97
	12	44.50
	24	46.23

O. Arg. S. 21525, $21^h\ 30^m\ 12^s$.

September	2	−17 50 8.46
	4	8.26
	10	9.29
	16	8.40

Rumker 9349, $21^h\ 33^m\ 50^s$.

September	22	−15 28 33.05
	24	31.57
	26	33.53
October	6	34.33

B. A. C. 7556, $21^h\ 36^m\ 23^s$.

September	10	−15 23 20.28

ε Pegasi, $21^h\ 37^m\ 19^s$.

August	25	+ 9 14 6.13
September	13	5.81
	25	5.74
	27	5.76
October	2	4.94
	7	6.89
	9	5.41

B. A. C. 7573, $21^h\ 38^m\ 48^s$.

October	11	− 9 55 11.39
November	12	10.79
	24	11.22

(*), $21^h\ 39^m\ 54^s$.

September	2	−17 56 26.06
	4	26.26
	10	26.19
	16	25.80

O. Arg. S. 21668, $21^h\ 41^m\ 37^s$.

September	27	−19 2 8.38
October	2	9.84

Weisse XXI, 1071, $21^h\ 45^m\ 48^s$.

September	22	−14 50 47.05
	26	47.56
October	3	47.32
	6	46.86

B. A. C. 7620, $21^h\ 46^m\ 7^s$.

1856.		° ′ ″
October	11	−10 58 7.70
	29	6.76
November	12	7.33
	19	6.77

16 Pegasi, $21^h\ 46^m\ 42^s$.

August	25	+25 16 4.62

Lalande 42700, $21^h\ 47^m\ 50^s$.

September	15	−21 47 58.13

B. A. C. 7649, $21^h\ 50^m\ 56^s$.

September	13	−21 50 56.06
	24	55.02
October	3	55.09

Lalande 42813, $21^h\ 51^m\ 6^s$.

September	16	−20 16 24.94

(*), $21^h\ 51^m\ 27^s$.

October	2	−23 30 19.09

O. Arg. S. 21800, $21^h\ 53^m\ 9^s$.

August	25	−21 0 47.03

O. Arg. S. 21829, $21^h\ 55^m\ 36^s$.

September	25	−20 47 4.27

O. Arg. S. 21832, $21^h\ 55^m\ 42^s$.

September	18	−22 22 34.28

Lalande 42984, $21^h\ 56^m\ 24^s$.

September	17	−22 27 21.68
	18	(24.34)
	26	21.58
	27	22.34
	30	21.75
November	24	21.97

(*), $21^h\ 56^m\ 39^s$.

October	8	−19 45 7.72

O. Arg. S. 21869, $21^h\ 58^m\ 7^s$.

September	13	−19 20 49.55
	15	48.63
	24	48.01
October	6	48.61

O. Arg. S. 21877, $21^h\ 58^m\ 10^s$.

October	2	−19 36 36.66

α Aquarii, $21^h\ 58^m\ 35^s$.

September	22	− 0 59 54.32
November	19	53.38

Hosted by Google

LALANDE 43106, $22^h\ 0^m\ 4^s$.

1856.	° ′ ″
October 7	−22 16 26.20

WEISSE XXII, 13, $22^h\ 2^m\ 7^s$.

August 25	− 9 29 6.64

B. A. C. 7724, $22^h\ 3^m\ 17^s$.

September 4	−21 55 5.70

LALANDE 43288, $22^h\ 4^m\ 56^s$.

September 24	−18 42 58.67

O. ARG. S. 21987, $22^h\ 5^m\ 25^s$.

October 7	−22 5 45.72

O. ARG. S. 22002, $22^h\ 6^m\ 22^s$.

October 7	−22 6 11.78

O. ARG. S. 22013, $22^h\ 7^m\ 0^s$.

September 18	−24 41 50.83
25	50.15
27	49.70
30	48.75
October 29	49.95

B. A. C. 7771, $22^h\ 9^m\ 20^s$.

September 17	−13 31 40.67
22	39.24
26	40.49
October 6	40.11

θ AQUARII, $22^h\ 9^m\ 27^s$.

August 25	− 8 28 44.66
October 2	46.40
9	45.52
November 24	44.97

O. ARG. S. 22070, $22^h\ 11^m\ 42^s$.

September 18	−24 30 10.07
25	9.42
27	9.19
30	8.72

O. ARG. S. 22089, $22^h\ 13^m\ 44^s$.

October 11	−29 28 33.04

O. ARG. S. 22121, $22^h\ 16^m\ 19^s$.

October 7	−29 22 51.21

O. ARG. S. 22126, $22^h\ 16^m\ 51^s$.

September 4	−24 4 30.08
16	31.40
October 2	31.30
9	30.93
19	(28.48)

O. ARG. S. 22142, $22^h\ 18^m\ 22^s$.

1856.	° ′ ″
September 18	−23 38 5.46
25	5.51
30	3.35

O. ARG. S. 22144, $22^h\ 18^m\ 29^s$.

October 29	−24 23 32.14

WEISSE XXII, 467, $22^h\ 22^m\ 36^s$.

September 22	− 9 7 58.80
24	57.42
October 3	57.86

B. A. C. 7836, $22^h\ 22^m\ 48^s$.

September 10	−15 17 59.57
17	59.62
October 8	60.37

O. ARG. S. 22197, $22^h\ 23^m\ 33^s$.

September 16	−23 42 45.60
27	45.09
October 2	45.57

O. ARG. S. 22199, $22^h\ 23^m\ 55^s$.

August 25	−23 23 23.48
September 18	23.75
October 7	22.54
9	24.30
11	23.89

O. ARG. S. 22223, $22^h\ 26^m\ 16^s$.

September 13	−22 49 25.60
25	25.24

O. ARG. S. 22230, $22^h\ 26^m\ 42^s$.

September 18	−23 19 25.66
October 7	(23.37)
9	25.07
10	25.21
11	25.16

WEISSE XXII, 644, $22^h\ 31^m\ 8^s$.

September 17	−14 47 37.65
22	36.91
October 3	35.26

WEISSE XXII, 675, $22^h\ 32^m\ 11^s$.

September 10	− 8 19 53.03
October 8	53.32

B. A. C. 7909, $22^h\ 34^m\ 16^s$.

October 10	−30 5 29.50

ζ PEGASI, $22^h\ 34^m\ 29^s$.

September 30	+10 6 7.01
November 19	7.20

(*), $22^h\ 35^m\ 4^s$.

1856.	° ′ ″
September 16	−21 40 33.89
25	35.10
27	33.13
October 9	34.66

WEISSE XXII, 761, $22^h\ 35^m\ 54^s$.

October 6	− 7 56 49.52
7	48.59

O. ARG. S. 22378, $22^h\ 37^m\ 9^s$.

September 18	−21 40 53.32
25	52.85

O. ARG. S. 22383, $22^h\ 37^m\ 46^s$.

October 2	−21 36 23.32

B. A. C. 7947, $22^h\ 40^m\ 3^s$.

October 11	−20 20 32.83

B. A. C. 7954, $22^h\ 42^m\ 10^s$.

September 22	−14 19 49.00
October 3	50.02

WEISSE XXII, 900, $22^h\ 43^m\ 16^s$.

October 8	− 7 39 0.25

LALANDE 44823, $22^h\ 48^m\ 0^s$.

October 7	−20 53 3.37
9	3.63

α PISCIS AUSTRALIS, $22^h\ 49^m\ 54^s$.

September 17	−30 21 49.42
25	49.03
27	49.28
30	47.98
October 2	49.53
3	47.74
6	48.15
11	49.73
29	48.99
31	46.83
November 19	47.70
24	49.28

WEISSE XXII, 1057, $22^h\ 51^m\ 23^s$.

September 24	− 6 25 19.29

WEISSE XXII, 1149, $22^h\ 55^m\ 4^s$.

September 25	−12 3 48.35

WEISSE XXII, 1150, $22^h\ 55^m\ 4^s$.

September 25	−12 3 41.47

LALANDE 45049, $22^h\ 55^m\ 15^s$.

October 7	−21 37 4.15

B. A. C. 8025, $22^h\ 55^m\ 47^s$.

October 10	−35 30 22.53

α PEGASI, $22^h\ 57^m\ 47^s$.

1856.	° ′ ″
October 11	+14 27 8.30

WEISSE XXII, 1220, $22^h\ 58^m\ 10^s$.

September 27	+ 0 33 13.49
October 2	11.91

WEISSE XXII, 1228, $22^h\ 58^m\ 20^s$.

October 9	+ 1 0 41.77
November 24	42.46

WEISSE XXII, 1232, $22^h\ 58^m\ 45^s$.

October 6	−11 11 31.74

B. A. C. 8060, $23^h\ 1^m\ 33^s$.

October 8	+ 1 21 59.96
28	59.02

WEISSE XXIII, 111, $23^h\ 6^m\ 54^s$.

September 24	+ 4 14 11.79

B. A. C. 8088, $23^h\ 7^m\ 14^s$.

October 10	−41 51 48.96

PIAZZI XXIII, 21, $23^h\ 8^m\ 29^s$.

October 7	+ 0 32 51.17
11	51.44

WEISSE XXIII, 143, $23^h\ 8^m\ 30^s$.

November 24	−11 48 21.43

γ PISCIUM, $23^h\ 9^m\ 54^s$.

October 9	+ 2 31 4.00

(*), $23^h\ 10^m\ 32^s$.

October 28	− 6 19 49.46

WEISSE XXIII, 309, $23^h\ 15^m\ 45^s$.

September 24	−11 32 29.15

(*), $23^h\ 16^m\ 23^s$.

November 13	+ 5 11 30.32

SANTINI 1633, $23^h\ 21^m\ 9^s$.

October 28	+ 5 18 18.92

WEISSE XXIII, 449, $23^h\ 22^m\ 49^s$.

September 22	+ 0 23 34.29

WEISSE XXIII, 463, $23^h\ 23^m\ 35^s$.

November 20	−10 55 38.55

Hosted by Google

SANTINI 1636, $23^h\ 25^m\ 7^s$.

	° ′ ″
1856.	
September 24	+ 6 18 54.78

WEISSE XXIII, 602, $23^h\ 29^m\ 40^s$.

November 13	+ 5 8 33.93
18	34.45

ι PISCIUM, $23^h\ 32^m\ 45^s$.

September 17	+ 4 52 5.09
22	4.95
October 8	3.95
28	4.28
November 11	4.74
12	5.10
20	3.63
24	4.31
December 26	5.30

WEISSE XXIII, 803, $23^h\ 39^m\ 53^s$.

October 28	+ 4 28 22.66

LALANDE 46629, $23^h\ 41^m\ 4^s$.

October 9	+ 7 28 6.07
11	8.13

LALANDE 46632, $23^h\ 41^m\ 11^s$.

October 9	+ 7 24 38.27
11	39.71

δ SCULPTORIS, $23^h\ 41^m\ 38^s$.

November 13	−28 54 15.65
22	16.50
December 26	15.31

WEISSE XXIII, 934, $23^h\ 46^m\ 2^s$.

November 18	+ 4 22 44.60
20	44.67

(* 59) W., $23^h\ 47^m\ 43^s$.

October 9	− 1 3 33.69

B. A. C. 8313, $23^h\ 48^m\ 5^s$.

October 10	−32 42 1.68

SANTINI 1664, $23^h\ 48^m\ 29^s$.

September 17	+ 7 26 41.53
22	43.34

WEISSE XXIII, 1006, $23^h\ 49^m\ 38^s$.

October 11	+ 3 56 44.28

ω PISCIUM, $23^h\ 52^m\ 7^s$.

November 13	+ 6 5 17.82
22	17.47
December 26	18.37

WEISSE XXIII, 1075, $23^h\ 52^m\ 50^s$.

October 28	+ 0 18 34.31

WEISSE XXIII, 1090, $23^h\ 53^m\ 24^s$.

	° ′ ″
1856.	
October 28	+ 0 17 10.32

O. ARG. S. 23182, $23^h\ 53^m\ 34^s$.

November 11	−28 41 12.19

B. A. C. 8353, $23^h\ 55^m\ 14^s$.

November 12	+ 8 10 40.37

WEISSE XXIII, 1179, $23^h\ 57^m\ 38^s$.

October 11	+ 0 45 29.70

WEISSE XXIII, 1218, $23^h\ 59^m\ 42^s$.

October 28	+ 1 4 52.88

WEISSE XXIII, 1227, $0^h\ 0^m\ 14^s$.

1857.	
November 4	−11 48 44.46
7	44.53

WEISSE XXIII, 1242, $0^h\ 0^m\ 39^s$.

November 11	−11 54 30.72
27	31.07

WEISSE O, 13, $0^h\ 2^m\ 21^s$.

November 3	−10 57 59.49
December 14	58 2.09
19	1.30

WEISSE O, 28, $0^h\ 2^m\ 54^s$.

December 3	− 9 45 14.06
15	14.41

WEISSE O, 41, $0^h\ 3^m\ 19^s$.

December 10	−10 4 12.64
12	11.03

γ PEGASI, $0^h\ 6^m\ 2^s$.

September 24	+14 24 18.05
October 1	19.32
8	17.92
9	18.19
November 12	18.82

WEISSE O, 102, $0^h\ 6^m\ 51^s$.

November 17	−12 4 57.63
27	59.08

WEISSE O, 112, $0^h\ 7^m\ 31^s$.

December 7	+ 2 35 9.32

35 PISCIUM, (1st *,) $0^h\ 7^m\ 46^s$.

October 17	+ 8 2 35.73
21	36.24
31	36.02
November 2	35.04

35 PISCIUM, (2d *,) $0^h\ 7^m\ 46^s$.

	° ′ ″
1857.	
October 17	+ 8 2 25.97
21	27.31
31	26.66

WEISSE O, 124, $0^h\ 8^m\ 7^s$.

December 14	− 6 54 53.22
19	5 .24
24	3.22

WEISSE O, 172, $0^h\ 10^m\ 39^s$.

December 14	− 6 55 52.52
19	51.98
24	52.44

WEISSE O, 189, $0^h\ 11^m\ 39^s$.

November 7	−11 43 34.02
11	33.35

8 CETI, $0^h\ 12^m\ 17^s$.

September 24	− 9 36 1.10
October 1	1.43
8	0.72
9	35 59.58

WEISSE O, 199, $0^h\ 12^m\ 27^s$.

December 3	− 7 59 47.09
7	48.16

WEISSE O, 202, $0^h\ 12^m\ 40^s$.

November 4	+12 36 56.72

d PISCIUM, $0^h\ 13^m\ 24^s$.

October 12	+ 7 24 45.45
31	44.55
November 2	45.70

WEISSE O, 236, $0^h\ 14^m\ 6^s$.

November 14	− 5 58 4.78
27	6.38
December 12	5.67

WEISSE O, 239, $0^h\ 14^m\ 15^s$.

December 3	−11 27 39.32
10	39.50

WEISSE O, 245, $0^h\ 14^m\ 40^s$.

December 15	+ 5 6 45.83

44 PISCIUM, $0^h\ 18^m\ 18^s$.

September 24	+ 1 9 50.57
October 1	50.32
8	51.60
9	51.52

WEISSE O, 312, $0^h\ 19^m\ 5^s$.

November 3	+ 3 3 0.67
4	3 0.73
7	2 59.55

12 CETI, $0^h\ 22^m\ 54^s$.

	° ′ ″
1857.	
October 21	− 4 43 52.86
November 17	52.83
26	54.07
December 10	53.11
12	53.09
14	54.72
19	53.65

15 CASSIOPEÆ, $0^h\ 25^m\ 0^s$.

October 9	+62 9 31.20
31	30.90
November 12	32.90

WEISSE O, 421, $0^h\ 25^m\ 30^s$.

November 3	− 9 48 24.78
11	26.02

WEISSE O, 434, $0^h\ 26^m\ 3^s$.

November 14	− 4 37 15.43
December 24	15.54
31	16.58

WEISSE O, 437, $0^h\ 26^m\ 17^s$.

December 19	− 4 48 53.81

WEISSE O, 444, $0^h\ 26^m\ 42^s$.

November 7	− 9 29 30.12
December 3	29.23

RUMKER 138, $0^h\ 28^m\ 1^s$.

December 7	+34 53 13.36
10	14.40

WEISSE (2) O, 746, $0^h\ 29^m\ 20^s$.

December 12	+26 16 52.80

53 PISCIUM, $0^h\ 29^m\ 30^s$.

October 17	+14 27 37.75
31	38.74

WEISSE (2) O, 832, $0^h\ 32^m\ 27^s$.

December 1	+25 58 10.13
3	9.42

α CASSIOPEÆ, $0^h\ 32^m\ 35^s$.

December 14	+55 46 7.36

WEISSE O, 560, $0^h\ 33^m\ 16^s$.

November 11	− 8 25 19.96
17	18.66
26	20.64

WEISSE O, 601, $0^h\ 35^m\ 0^s$.

November 4	− 3 49 9.57
7	8.84

Hosted by Google

β Ceti, 0h 36m 34s.

1857.		° ′ ″
January	9	−18 45 20.44
October	12	20.22
December	10	20.87
	15	19.68
	19	18.98

Weisse O, 641, 0h 37m 24s.

November	14	− 6 23 34.92
	17	34.88

(*), 0h 38m 35s.

November	27	− 1 57 7.21

Weisse O, 678, 0h 39m 35s.

November	2	+ 1 35 30.88
	3	30.29
December	12	30.69

Weisse O, 687, 0h 40m 2s.

November	11	− 1 55 15.21

ζ Andromdæ, 0h 39m 56s.

October	8	+23 30 17.04
	9	17.83
	31	17.57

Weisse O, 706, 0h 40m 58s.

December	1	+ 3 18 57.73

δ Piscium, 0h 41m 26s.

October	12	+ 6 49 20.66
	17	21.30
December	31	20.63

(*), 0h 42m 4s.

November	26	+ 1 31 18.52
December	7	18.63

Rumker 340, 0h 43m 53s.

November	2	+ 1 59 1.08
	3	59 1.30
December	14	58 59.80

B. A. C. 237, 0h 44m 6s.

October	21	+ 2 37 29.99
December	10	29.26

Weisse (2) O, 1167, 0h 45m 34s.

October	8	+29 35 15.76

Weisse O. 802, 0h 46m 16s.

November	4	+ 2 32 32.60
	7	31.34

Weisse O, 808, 0h 46m 35s.

November	14	+ 6 30 54.88

(*), 0h 48m 18s.

1857.		° ′ ″
November	27	+ 1 32 12.08
December	1	12.83

(*), 0h 50m 49s.

December	7	+ 1 43 44.80
	10	45.29

Weisse O, 893, 0h 51m 50s.

December	12	+ 1 54 10.06
	31	10.66

Weisse O, 902, 0h 52m 9s.

December	15	+ 2 19 39.61
	24	38.14

Rumker 451, 0h 52m 27s.

October	17	+ 3 13 17.72
	21	18.46

Weisse O, 912, 0h 52m 41s.

December	14	+ 2 32 49.96
	19	49.83

Weisse O, 928, 0h 53m 36s.

October	8	+ 4 4 43.85
November	2	44.67

Weisse O, 946, 0h 54m 29s.

November	14	+ 8 51 2.21

B. A. C. 286, 0h 55m 12s.

November	4	+ 8 4 6.35
	11	5.92

(*), 0h 55m 26s.

October	8	+ 3 39 45.14
	12	45.82

ε Piscium, 0h 55m 41s.

January	12	+ 7 8 9.03
November	3	9.13

Weisse O, 979, 0h 56m 13s.

December	12	+ 2 30 11.49
	14	10.53
	19	11.03

Weisse O, 997, 0h 57m 20s.

November	14	+ 8 50 3.57

B. A. C. 311, 0h 58m 34s.

October	12	+ 4 9 43.97
	17	43.76
November	26	43.00

B. A. C. 312, 0h 58m 37s.

1857.		° ′ ″
October	12	+ 4 9 47.89
	17	48.35
November	26	46.35

Wsisse O, 1028, 0h 58m 51s.

December	12	+ 2 31 29.80

Weisse O, 1048, 0h 59m 39s.

December	14	+ 3 3 41.45
	15	43.10
	19	42.85

(*), 1h 1m 44s.

December	3	+ 8 58 58.77

Rumker, N. F., 538, 1h 4m 14s.

December	31	+ 3 41 1.85

Rumker 558, 1h 7m 29s.

December	14	+ 3 51 15.40
	15	16.51
	19	16.20

Polaris, 1h 8m 2s.

October	8	+88 33 46.96
	12	47.84
	21	46.82
November	2	48.32
	3	47.13
	4	47.04
	7	48.40
	11	47.39
	14	47.51
	17	47.44
	26	46.74
December	1	47.35
	3	47.83
	7	46.64
	10	46.27

Polaris, S. P., 1h 8m 2s.

April	25	+88 33 49.01
	30	48.02
	9	48.50
	12	48.89
	16	48.04

Rumker 572, 1h 9m 30s.

December	24	+ 4 18 57.40
	31	56.93

Weisse I, 139, 1h 10m 5s.

December	15	+ 3 55 33.15
	19	32.81

(*), 1h 11m 38s.

December	19	+ 3 54 59.41

Rumker 585, 1h 11m 50s.

December	24	+ 4 17 46.25
	31	45.65

Weisse I, 206, 1h 13m 44s.

1857.		° ′ ″
November	27	− 2 2 47.58

θ1 Ceti, 1h 17m 2s.

January	12	− 8 54 23.03

(*), 1h 21m 10s.

December	15	+13 55 56.22

η Piscium, 1h 24m 0s.

November	2	+14 37 22.39
	27	21.57
December	19	22.23

Weisse I, 450, 1h 26m 30s.

January	12	− 2 35 4.85

π Piscium, 1h 29m 40s.

December	15	+11 25 27.34

103 Piscium, 1h 31m 44s.

November	2	+15 54 49.05
	27	49.68
December	19	50.32

ν Piscium, 1h 34m 9s.

November	7	+ 4 46 39.30
December	1	40.45
	14	39.35

o Piscium, 1h 38m 2s.

November	16	+ 8 27 4.67
December	15	6.38

(*), 1h 39m 23s.

December	1	+10 8 35.47

ε Cassiopeæ, 1h 44m 18s.

November	17	+62 58 41.11
	27	41.75

β Arietis, 1h 46m 55s.

January	9	+20 7 19.84
	1	19.52
	14	18.10
	15	19.82
	24	18.98

48 Cassiopeæ, 1h 50m 31s.

November	17	+70 13 31.53
	27	32.04

Weisse I, 943, 1h 53m 17s.

January	9	+12 42 18.69

Weisse I, 963, 1h 54m 24s.

December	14	+ 3 22 27.61

Hosted by Google

WEISSE I, 978, $1^h\ 55^m\ 11^s$.

1857.	° ′ ″
December 1	+ 8 24 17.79
15	19.10
19	18.17

WEISSE I, 1038, $1^h\ 58^m\ 47^s$.

December 19	+ 8 46 6.79

WEISSE I, 1040, $1^h\ 58^m\ 49^s$.

January 12	+ 7 34 43.74

α ARIETIS, $1^h\ 59^m\ 17^s$.

November 27	+22 47 54.80

WEISSE I, 1071, $2^h\ 0^m\ 13^s$.

November 17	+ 8 10 37.97
December 14	36.64

WEISSE I, 1080, $2^h\ 0^m\ 55^s$.

November 17	+ 8 11 1.13
December 14	0.79

WEISSE II, 38, $2^h\ 4^m\ 21^s$.

November 12	+ 8 54 58.34
December 1	58.44

B. A. C. 687, $2^h\ 6^m\ 11^s$.

January 12	+ 4 21 26.23

WEISSE II, 144, $2^h\ 10^m\ 31^s$.

November 17	+12 46 51.76
December 1	51.69

(*), $2^h\ 11^m\ 1^s$.

November 27	+55 15 46.21

WEISSE II, 168, $2^h\ 11^m\ 30^s$.

December 15	− 5 31 3.44
19	3.66

(*), $2^h\ 11^m\ 31^s$.

December 15	− 5 33 52.45
19	53.40

i PERSEI, $2^h\ 12^m\ 38^s$.

November 27	+55 12 8.47

WEISSE II, 250, $2^h\ 16^m\ 25^s$.

January 12	− 6 49 46.20

WEISSE II, 278, $2^h\ 17^m\ 44^s$.

December 1	+ 7 54 56.16

ξ^2 CETI, $2^h\ 20^m\ 43^s$.

November 17	+ 7 49 50.24

30 ARIETIS, $2^h\ 28^m\ 52^s$.

1857.	° ′ ″
December 1	+24 2 10.54

B. A. C. 797, $2^h\ 28^m\ 56^s$.

December 1	+24 2 8.95

B. A. C. 800, $2^h\ 29^m\ 10^s$.

January 9	+ 7 7 6.99

ν ARIETIS, $2^h\ 30^m\ 52^s$.

November 27	+21 21 14.02

38 ARIETIS, $2^h\ 37^m\ 20^s$.

November 17	+11 51 14.56
December 1	14.94

WEISSE II, 742, $2^h\ 43^m\ 26^s$.

January 9	− 7 23 12.22

(*), $2^h\ 46^m\ 29^s$.

December 1	− 2 12 56.55

B. A. C. 929, $2^h\ 52^m\ 10^s$.

January 9	+ 8 20 51.75

γ PERSEI, $2^h\ 54^m\ 26^s$.

December 1	+52 57 16.98

WEISSE III, 26, $3^h\ 3^m\ 15^s$.

December 1	+ 9 28 17.08

δ ARIETIS, $3^h\ 3^m\ 36^s$.

November 17	+19 11 40.67

WEISSE III, 35, $3^h\ 4^m\ 28^s$.

January 9	+ 8 11 28.22

64 ARIETIS, $3^h\ 16^m\ 2^s$.

February 2	+24 13 32.94

WEISSE III, 295, $3^h\ 17^m\ 24^s$.

December 1	+ 9 30 45.27

WEISSE (2) III, 721, $3^h\ 33^m\ 23^s$.

January 6	+18 56 5.76

RUMKER 940, $3^h\ 34^m\ 21^s$.

February 2	+14 20 26.74
11	24.16

WEISSE (2) III, 931, $3^h\ 42^m\ 12^s$.

January 6	+26 38 56.56

(*), $3^h\ 48^m\ 42^s$.

1857.	° ′ ″
January 6	+19 40 24.96

γ^1 ERIDANI, $3^h\ 51^m\ 30^s$.

February 11	−13 54 32.26

RUMKER 1084, $3^h\ 58^m\ 19^s$.

January 9	+15 18 59.69

RUMKER 1104, $4^h\ 3^m\ 42^s$.

January 15	+28 4 11.03

o^1 ERIDANI, $4^h\ 5^m\ 2^s$.

February 11	− 7 12 20.57

B. A. C. 1316, $4^h\ 10^m\ 5^s$.

January 9	+21 14 3.92

RUMKER 1163, $4^h\ 13^m\ 30^s$.

January 6	+16 28 12.22
15	13.52

RUMKER 1167, $4^h\ 14^m\ 42^s$.

January 6	+16 27 31.59
15	32.29

63 TAURI, $4^h\ 15^m\ 22^s$.

January 6	+16 26 49.91
15	50.82

(*), $4^h\ 16^m\ 25^s$.

January 13	+16 28 33.36

(*), $4^h\ 18^m\ 21^s$.

January 13	+16 26 56.40

WEISSE (2) IV, 391, $4^h\ 18^m\ 38^s$.

January 6	+16 25 36.84
15	37.85

B. A. C. 1402, $4^h\ 23^m\ 51^s$.

January 9	+15 32 53.47

α TAURI, $4^h\ 27^m\ 53^s$.

February 2	+16 13 29.90

WEISSE IV, 646, $4^h\ 30^m\ 21^s$.

January 6	+ 7 1 55.98
13	56.95

B. A. C. 1437, $4^h\ 31^m\ 15^s$.

January 9	+15 38 15.03

WEISSE IV, 705, $4^h\ 32^m\ 27^s$.

1857.	° ′ ″
January 13	+ 6 59 33.45

(*), $4^h\ 36^m\ 5^s$.

February 11	− 1 43 9.96

WEISSE IV, 809, $4^h\ 37^m\ 36^s$.

February 11	− 1 41 46.36

(*), $4^h\ 41^m\ 10^s$.

January 13	+ 1 13 3.23

WEISSE IV, 888, $4^h\ 41^m\ 32^s$.

February 2	− 1 36 20.52
January 6	24.07

WEISSE IV, 925, $4^h\ 43^m\ 16^s$.

January 15	+ 1 17 0.76

WEISSE IV, 972, $4^h\ 44^m\ 59^s$.

January 6	+ 1 16 19.04
15	19.94

(*), $4^h\ 46^m\ 15^s$.

January 15	+ 1 17 37.55

(*), $4^h\ 46^m\ 40^s$.

January 6	+ 1 20 11.94

(*), $4^h\ 49^m\ 36^s$.

January 6	+ 1 17 48.11

α AURIGÆ, $5^h\ 6^m\ 21^s$.

January 15	+45 51 3.47
February 9	3.44
11	3.19

WEISSE (2) V, 451, $5^h\ 16^m\ 36^s$.

February 11	+30 34 4.38

β TAURI, $5^h\ 17^m\ 27^s$.

January 15	+28 29 6.35

WEISSE V, 449, $5^h\ 19^m\ 13^s$.

February 23	−13 15 23.70

δ ORIONIS, $5^h\ 24^m\ 51^s$.

February 9	− 0 24 21.38

B. A. C. 1742, $5^h\ 26^m\ 54^s$.

February 11	+23 56 33.97

Hosted by Google

WEISSE (2) V, 782, $5^h\ 26^m\ 58^s$.

1857.		° ′ ″
January	13	+31 3 21.55

ε ORIONIS, $5^h\ 29^m\ 7^s$.

January	15	− 1 17 40.26

WEISSE V, 874, $5^h\ 34^m\ 22^s$.

February	23	−13 45 31.55

α COLUMBÆ, $5^h\ 34^m\ 35^s$.

January	13	− 34 9 4.10
February	9	1.50
	10	0.73
	11	0.67

WEISSE V, 1143, $5^h\ 45^m\ 12^s$.

February	23	−13 50 34.00

α ORIONIS, $5^h\ 47^m\ 36^s$.

February	10	+ 7 22 39.51

WEISSE (2) V, 1598, $5^h\ 48^m\ 58^s$.

January	13	+21 57 40.59
February	11	42.52

B. A. C. 1934, $5^h\ 55^m\ 10^s$.

February	11	+19 41 21.12

WEISSE V, 1487, $5^h\ 58^m\ 14^s$.

February	23	−14 1 39.86

ν ORIONIS, $5^h\ 59^m\ 35^s$.

January	15	+14 46 52.95
February	17	(50.80)

LALANDE 11684, $6^h\ 2^m\ 9^s$.

January	13	+26 2 14.88

WEISSE (2) VI, 12, $6^h\ 2^m\ 39^s$.

February	11	+31 11 54.21

LALANDE 11714, $6^h\ 3^m\ 1^s$.

January	13	+26 0 39.94

WEISSE VI, 264, $6^h\ 9^m\ 34^s$.

February	23	−14 23 6.16

μ GEMINORUM, $6^h\ 14^m\ 27^s$.

January	13	+22 34 53.68
	15	53.89

(*), $6^h\ 18^m\ 18^s$.

January	13	+24 18 9.63
	15	10.06

WEISSE (2) VI, 533, $6^h\ 19^m\ 23^s$.

1857.		° ′ ″
January	13	+24 20 14.37
	15	15.12

WEISSE VI, 544, $6^h\ 19^m\ 40^s$.

February	9	−14 25 41.44

WEISSE (2) VI, 809, $6^h\ 27^m\ 59^s$.

January	13	+24 32 22.35
	15	22.96

WEISSE (2) VI, 826, $6^h\ 28^m\ 31^s$.

January	13	+24 30 38.95
	15	38.33

γ GEMINORUM, $6^h\ 29^m\ 38^s$.

February	17	+16 30 52.03

WEISSE (2) VI, 935, $6^h\ 31^m\ 31^s$.

February	9	+23 47 46.49

51 CEPHEI, $6^h\ 33^m\ 38^s$.

February	10	+87 14 54.12

51 CEPHEI, S. P., $6^h\ 33^m\ 39^s$.

June	20	+87 14 53.87
	25	54.99
	27	54.29
July	7	54.51
	14	55.06
	25	53.74
August	11	55.43

WEISSE VI, 1069, $6^h\ 35^m\ 28^s$.

February	23	−14 20 35.58

B. A. C. 2221, $6^h\ 40^m\ 28^s$.

February	9	−14 16 42.07

WEISSE VI, 1351, $6^h\ 44^m\ 25^s$.

February	9	−14 34 49.43

O. ARG. N. 7442, $6^h\ 50^m\ 46^s$.

February	26	+60 47 49.21

RUMKER 2086, $6^h\ 57^m\ 12^s$.

February	9	+60 57 32.32

WEISSE VII, 250, $7^h\ 8^m\ 47^s$.

February	23	−14 22 7.59

O. ARG. N. 7753, $7^h\ 9^m\ 36^s$.

February	26	+60 14 28.83

RUMKER 2175, $7^h\ 9^m\ 53^s$.

February	9	+60 9 19.88

WEISSE VII, 320, $7^h\ 11^m\ 10^s$.

1857.		′ ° ′ ″
February	17	+12 5 34.22
	28	35.55

(*), $7^h\ 17^m\ 28^s$.

February	26	+10 24 44.45

(*), $7^h\ 19^m\ 44^s$.

February	26	+10 21 55.48

(*), $7^h\ 22^m\ 58^s$.

February	17	−18 35 25.39

(*), $7^h\ 29^m\ 1^s$.

March	10	+21 46 30.44

(*), $7^h\ 31^m\ 56^s$.

March	7	+21 46 8.38
	10	6.82

(*), $7^h\ 34^m\ 10^s$.

February	23	−14 19 21.11

WEISSE VII, 1053, $7^h\ 34^m\ 40^s$.

February	28	+13 34 12.81

B. A. C. 2544, $7^h\ 35^m\ 2^s$.

February	17	+22 43 32.73

(*), $7^h\ 43^m\ 43^s$.

February	28	+ 0 28 59.65

(*), $7^h\ 44^m\ 53^s$.

February	23	+ 0 31 48.60

(*), $7^h\ 45^m\ 57^s$.

March	7	+20 32 29.50

(*), $7^h\ 45^m\ 58^s$.

February	23	+ 0 32 9.13

WEISSE (2) VII, 1212, $7^h\ 46^m\ 28^s$.

February	17	+39 39 1.09

B. A. C. 2632, $7^h\ 47^m\ 29^s$.

February	3	+20 15 0.62
	10	14 59.33

WEISSE (2) VII, 1366, $7^h\ 48^m\ 25^s$.

March	10	+20 15 41.82

(*), $7^h\ 50^m\ 3^s$.

February	26	+20 31 46.88
	28	46.82

6 CANCRI, $7^h\ 54^m\ 55^s$.

February	28	+28 10 58.83

(*), $7^h\ 56^m\ 17^s$.

1857.		° ′ ″
February	3	+20 11 20.91

WEISSE (2) VII, 1597, $7^h\ 58^m\ 11^s$.

February	26	+16 46 53.31

WEISSE (2) VII, 1659, $8^h\ 0^m\ 14^s$.

February	26	+16 49 1.63

WEISSE (2) VII, 1669, $8^h\ 0^m\ 29^s$.

March	7	+16 51 14.47

(*), $8^h\ 0^m\ 46^s$.

February	23	+42 2 42.14

ρ ARGUS, $8^h\ 1^m\ 35^s$.

February	3	−23 54 12.63
	17	11.26

O. ARG. N. 8922, $8^h\ 15^m\ 38^s$.

February	26	+56 58 34.86

B. A. C. 2806, $8^h\ 16^m\ 16^s$.

February	3	+11 4 49.59

WEISSE (2) VIII, 429, $8^h\ 19^m\ 1^s$.

February	28	+19 42 38.77

η CANCRI, $8^h\ 24^m\ 36^s$.

February	17	+20 54 49.72
	26	49.86

(*), $8^h\ 30^m\ 51^s$.

February	28	+ 6 52 32.84

WEISSE VIII, 828, $8^h\ 32^m\ 13^s$.

February	26	+12 2 0.63

WEISSE VIII, 885, $8^h\ 33^m\ 53^s$.

February	17	−14 12 13.73

ε HYDRÆ, $8^h\ 39^m\ 22^s$.

February	3	+ 6 55 47.08
	28	47.88
March	7	47.58

(*), $8^h\ 40^m\ 44^s$.

April	7	+22 42 58.57

B. A. C. 2995, $8^h\ 43^m\ 14^s$.

February	26	+15 52 2.77

Hosted by Google

WEISSE VIII, 1276, 8^h 49^m 35^s.

1857.		° ′ ″
April	7	−13 22 15.39

ι URSÆ MAJORIS, 8^h 49^m 36^s.

February	17	+48 35 16.78
	26	17.17
March	7	17.60

RUMKER 2702, 8^h 49^m 38^s.

February	3	+54 19 7.35
	28	8.11

WEISSE VIII, 1282, 8^h 49^m 52^s.

April	7	−13 23 47.65

83 CANCRI, 9^h 11^m 10^s.

March	7	+18 17 47.72
April	23	47.26

B. A. C. 3194, 9^h 15^m 25^s.

February	3	+25 46 45.55
	28	43.49

WEISSE (2) IX, 478, 9^h 23^m 3^s.

February	3	+21 54 13.67

WEISSE (2) IX, 486, 9^h 23^m 17^s.

February	28	+25 1 41.89

δ URSÆ MAJORIS, 9^h 23^m 28^s.

April	7	+52 18 47.15
	23	46.74

B. A. C. 3318, 9^h 35^m 31^s.

February	3	+20 49 51.84
April	7	52.73

ε LEONIS, 9^h 37^m 54^s.

April	23	+24 25 1.77

WEISSE (2) IX, 831, 9^h 39^m 44^s.

April	7	+44 11 0.23
	23	0.60

WEISSE (2) IX, 867, 9^h 41^m 22^s.

March	7	+18 42 24.76

B. A. C. 3367, 9^h 44^m 0^s.

February	28	−35 37 0.92

(*), 9^h 44^m 39^s.

February	28	−35 36 36.63

WEISSE (2) IX, 1086, 9^h 51^m 23^s.

February	3	+42 59 9.84
April	7	10.22

π LEONIS, 9^h 52^m 49^s.

1857.		° ′ ″
April	29	+ 8 42 51.01

WEISSE IX, 1204, 9^h 56^m 15^s.

April	7	+12 47 51.85

WEISSE (2) X, 1282, 10^h 0^m 5^s.

February	3	+16 57 33.52

WEISSE (2) X, 1316, 10^h 1^m 32^s.

April	11	+21 1 1.89

RUMKER 3076, 10^h 3^m 8^s.

April	25	+12 30 44.47

WEISSE X, 76, 10^h 6^m 0^s.

March	7	+12 1 48.25
April	29	48.98

(*), 10^h 6^m.

March	7	+12 2 39.70

WEISSE X, 173, 10^h 10^m 56^s.

April	7	+11 32 10.48
	11	9.29
	23	9.57
	29	10.55

WEISSE X, 234, 10^h 14^m 28^s.

April	7	+11 24 17.30

WEISSE X, 276, 10^h 16^m 54^s.

March	7	+11 17 42.42
April	11	43.56
	23	42.77

WEISSE X, 288, 10^h 17^m 34^s.

April	25	+10 41 28.24

WEISSE (2) X, 360, 10^h 18^m 50^s.

February	28	+17 56 5.19

WEISSE (2) X, 374, 10^h 19^m 20^s.

February	28	+17 55 58.51

B. A. C. 3575, 10^h 20^m 14^s.

April	7	+10 28 29.86
	29	28.70

(*), 10^h 21^m 24^s.

April	23	− 7 34 26.44
	25	28.26

WEISSE X, 377, 10^h 21^m 56^s.

March	7	+11 14 27.21

LALANDE 20419, 10^h 25^m 14^s.

1857.		° ′ ″
April	25	− 7 28 36.32
	30	35.21

WEISSE (2) X, 642, 10^h 32^m 6^s.

February	28	+36 13 15.88
April	23	16 24

WEISSE X, 618, 10^h 34^m 53^s.

April	7	+11 5 14.51
	25	13.50
	29	14.78

WEISSE X, 656, 10^h 37^m 3^s.

April	7	+11 6 36.02

WEISSE X, 673, 10^h 38^m 22^s.

April	25	+10 45 28.03
	29	29.83
	30	28.35

WEISSE X, 716, 10^h 40^m 49^s.

February	28	+12 37 47.22
April	23	47.41

l LEONIS, 10^h 41^m 54^s.

February	3	+11 17 5.67
April	4	4.79

(*), 10^h 41^m 44^s.

April	30	+10 30 33.83

WEISSE X, 757, 10^h 42^m 38^s.

April	30	+10 33 50.67

WEISSE X, 822, 10^h 45^m 29^s.

April	25	+12 1 51.38

WEISSE X, 837, 10^h 46^m 20^s.

April	25	+12 3 17.68

WEISSE X, 859, 10^h 47^m 26^s.

February	3	− 0 46 25.73
	28	24.73
March	7	25.60
April	7	24.55
	23	25.05

LALANDE 21026, 10^h 48^m 58^s.

February	3	− 0 52 20.20
	28	21.14
March	7	22.39
April	7	20.55
	23	21.68

WEISSE X, 987, 10^h 55^m 15^s.

April	23	+ 9 55 31.06
	29	30.65
	30	30.72

(*), 10^h 55^m 1^s.

1857.		° ′ ″
April	25	+ 9 21 36.39

WEISSE X, 1006, 10^h 56^m 23^s.

April	7	+ 9 28 59.99
	25	59.34

χ LEONIS, 10^h 57^m 48^s.

April	4	+ 8 5 30.13

WEISSE X, 1075, 10^h 59^m 56^s.

February	28	+10 58 7.55
April	29	7.96

RUMKER 3457, 11^h 3^m 15^s.

April	23	+ 8 39 2.04
	30	1.48

B. A. C. 3837, 11^h 6^m 45^s.

April	25	+ 8 49 33.82
	30	34.03

δ LEONIS, 11^h 6^m 39^s.

April	4	+21 17 24.15

δ CRATERIS, 11^h 12^m 21^s.

April	24	−14 1 16.46

WEISSE XI, 234, 11^h 14^m 26^s.

April	23	+ 7 59 25.27
	25	24.90
	30	25.26

B. A. C. 3892, 11^h 19^m 3^s.

April	4	+ 9 25 45.66

B. A. C. 3915, 11^h 23^m 11^s.

April	23	+19 10 49.32

RUMKER 3636, 11^h 26^m 51^s.

April	24	+15 40 0.85

WEISSE XI, 488, 11^h 28^m 39^s.

April	23	−13 41 17.04

(*), 11^h 32^m 39^s.

May	5	− 5 19 58.97

RUMKER 3697, 11^h 34^m 49^s.

May	8	+22 59 23.08

RUMKER 3706, 11^h 35^m 26^s.

April	25	+12 38 23.25

Hosted by Google

RUMKER 3738, $11^h\ 39^m\ 45^s$.

			° ′ ″
1857.			
April	24	. .	+24 29 52.54

(*), $11^h\ 40^m\ 46^s$.

April	30	. .	+21 1 3.54
May	7	. .	2.69

B. A. C. 3990, $11^h\ 40^m\ 46^s$.

April	30	. .	+20 59 49.57
May	7	. .	48.52

WEISSE (2) XI, 816, $11^h\ 41^m\ 48^s$.

April	25	. .	+16 54 35.63

β LEONIS, $11^h\ 41^m\ 55^s$.

April	17	. .	+15 21 16.84

WEISSE (2) XI, 841, $11^h\ 42^m\ 55^s$.

April	30	. .	+21 4 1.89
May	5	. .	1.32
	7	. .	0.52

WEISSE (2) XI, 889, $11^h\ 45^m\ 58^s$.

May	8	. .	+17 37 44.76

γ URSÆ MAJORIS, $11^h\ 46^m\ 27^s$.

April	23	. .	+54 28 22.73

O. ARG. S. 11827, $11^h\ 53^m\ 20^s$.

April	25	. .	−21 6 0.45
May	5	. .	1.95

O. ARG. S. 11828, $11^h\ 53^m\ 34^s$.

April	23	. .	−21 3 28.17
	25	. .	27.68
May	5	. .	27.30

(*), $11^h\ 55^m\ 36^s$.

May	7	. .	− 9 52 11.05

WEISSE (2) XI, 1110, $11^h\ 56^m\ 52^s$.

May	8	. .	+19 35 52.71

ε CORVI, $12^h\ 2^m\ 56^s$.

April	24	. .	−21 50 25.66
	25	. .	26.09
	30	. .	27.35
May	5	. .	27.38
	6	. .	27.86
	7	. .	29.19
	12	. .	27.14

B. A. C. 4096, $12^h\ 2^m\ 55^s$.

April	29	. .	+ 6 35 8.44

WEISSE XII, 53, $12^h\ 4^m\ 50^s$.

April	23	. .	+ 6 7 16.67

WEISSE XII, 63, $12^h\ 5^m\ 9^s$.

			° ′ ″
1857.			
May	8	. .	+ 6 39 13.16

WEISSE XII, 91, $12^h\ 6^m\ 56^s$.

April	29	. .	+ 5 46 43.21

WEISSE XII, 160, $12^h\ 11^m\ 0^s$.

April	24	. .	+ 5 52 22.23
May	9	. .	21.48

(*), $12^h\ 12^m\ 18^s$.

April	23	. .	+ 7 46 11.37

RUMKER 3907, $12^h\ 12^m\ 32^s$.

May	8	. .	+ 6 19 32.80

η VIRGINIS, $12^h\ 12^m\ 45^s$.

April	30	. .	+ 0 6 41.96
May	5	. .	42.17
	7	. .	41.05
	12	. .	42.26

RUMKER 3911, $12^h\ 12^m\ 47^s$.

April	25	. .	+ 6 26 54.57

WEISSE (2) XII, 446, $12^h\ 21^m\ 48^s$.

April	23	. .	+22 46 43.81
	24	. .	44.41

WEISSE (2) XII, 478, $12^h\ 23^m\ 0^s$.

May	6	. .	+25 6 49.80
	8	. .	50.77

WEISSE (2) XII, 390, $12^h\ 24^m\ 4^s$.

April	25	. .	− 6 53 23.39
	30	. .	24.95

WEISSE (2) XII, 500, $12^h\ 24^m\ 4^s$.

May	9	. .	+24 32 43.78
	12	. .	43.95

WEISSE XII, 409, $12^h\ 24^m\ 43^s$.

April	29	. .	+ 6 29 2.06

WEISSE XII, 416, $12^h\ 25^m\ 15^s$.

April	29	. .	+ 6 28 32.89

WEISSE XII, 515, $12^h\ 31^m\ 22^s$.

April	25	. .	+ 0 59 17.47

WEISSE XII, 519, $12^h\ 31^m\ 32^s$.

May	8	. .	+14 34 38.75

WEISSE XII, 525, $12^h\ 31^m\ 59^s$.

April	30	. .	+14 38 18.09

(*), $12^h\ 31^m\ 48^s$.

April	24	. .	+14 34 27.12

WEISSE XII, 549, $12^h\ 33^m\ 26^s$.

			° ′ ″
1857.			
May	12	. .	− 7 40 21.69

γ VIRGINIS, $12^h\ 34^m\ 34^s$.

May	9	. .	− 0 40 52.59

WEISSE XII, 583, $12^h\ 35^m\ 15^s$.

May	7	. .	+ 2 23 9.20

WEISSE XII, 584, $12^h\ 35^m\ 20^s$.

April	25	. .	+ 2 5 57.61

WEISSE XII, 706, $12^h\ 41^m\ 49^s$.

April	25	. .	+14 48 3.64
May	8	. .	3.36

B. A. C. 4301, $12^h\ 41^m\ 54^s$.

April	30	. .	+14 53 16.00
May	8	. .	15.55
	15	. .	13.94

WEISSE XII, 757, $12^h\ 44^m\ 42^s$.

May	7	. .	+ 0 50 54.76

WEISSE XII, 786, $12^h\ 46^m\ 27^s$.

May	7	. .	+ 0 52 20.20

WEISSE XII, 818, $12^h\ 48^m\ 28^s$.

May	7	. .	+ 0 48 52.75

WEISSE XII, 819, $12^h\ 48^m\ 29^s$.

April	25	. .	− 0 57 33.11

B. A. C. 4345, $12^h\ 49^m\ 27^s$.

April	30	. .	+39 4 17.75
May	16	. .	18.54

α CANUM VENATICORUM, $12^h\ 49^m\ 28^s$.

May	16	. .	+39 4 31.54
June	6	. .	31.56

WEISSE XII, 918, $12^h\ 54^m\ 5^s$.

May	12	. .	−10 24 2.36

(*), $13^h\ 0^m\ 43^s$.

May	5	. .	+12 50 3.42
	7	. .	0.90

WEISSE XII, 1054, $13^h\ 2^m\ 19^s$.

May	5	. .	+12 49 1.22
	7	. .	0.34

θ VIRGINIS, $13^h\ 2^m\ 42^s$.

May	15	. .	− 4 37 25.51

(*), $13^h\ 3^m\ 55^s$.

June	6	. .	−11 10 49.75

WEISSE XIII, 69, $13^h\ 5^m\ 35^s$.

			° ′ ″
1857.			
May	29	. .	+12 18 7.85
June	5	. .	8.47

WEISSE XIII, 87, $13^h\ 6^m\ 29^s$.

June	6	. .	−10 48 36.67

WEISSE XIII, 181, $13^h\ 11^m\ 43^s$

May	5	. .	− 1 47 33.73
	7	. .	33.71

WEISSE XIII, 208, $13^h\ 13^m\ 7^s$.

May	8	. .	+10 44 12.82
	15	. .	14.87

α VIRGINIS, $13^h\ 17^m\ 49^s$.

May	16	. .	−10 25 44.62
	26	. .	43.76
June	5	. .	44.81
	6	. .	44.50

WEISSE XIII, 294, $13^h\ 18^m\ 55^s$.

May	9	. .	− 2 55 52.33

WEISSE XIII, 331, $13^h\ 21^m\ 9^s$.

May	8	. .	+ 9 5 3.51
	29	. .	5.74

WEISSE XIII, 365, $13^h\ 23^m\ 0^s$.

May	15	. .	+ 7 54 11.35

WEISSE XIII, 370, $13^h\ 23^m\ 22^s$.

May	5	. .	+ 8 8 22.05

(*), $13^h\ 23^m\ 45^s$.

May	7	. .	+ 8 48 11.01
	16	. .	12.44

WEISSE XIII, 392, $13^h\ 24^m\ 24^s$.

June	6	. .	+ 8 46 42.65

WEISSE XIII, 461, $13^h\ 27^m\ 56^s$.

May	5	. .	+ 7 10 16.79
	7	. .	17.42
	12	. .	17.86
	29	. .	(19.14)

WEISSE XIII, 472, $13^h\ 28^m\ 13^s$.

May	5	. .	+ 7 13 39.12
	7	. .	39.52
	12	. .	39.44

(* 48) W., $13^h\ 28^m\ 40^s$.

May	9	. .	+80 48 54.88

B. A. C. 4547, $13^h\ 30^m\ 33^s$.

May	23	. .	− 2 31 13.94
	26	. .	13.54

Hosted by Google

η URSÆ MAJORIS, 13h 42m 1s.

1857.		° ′ ″
May	12	+50 0 48.75

(*), 13h 42m 2s.

May	7	+22 42 56.39
	9	55.67

WEISSE XIII, 737, 13h 43m 17s.

May	8	+14 11 1.55
	29	2.92

η BOOTIS, 13h 48m 1s.

May	23	+19 6 4.82
	26	4.33

WEISSE XIII, 813, 13h 48m 2s.

May	7	−11 32 3.05

RUMKER 4529, 13h 51m 1s.

May	5	+25 41 6.59
	8	5.04
	29	7.18

(*), 13h 52m 34s.

May	9	+12 0 13.62

RUMKER 4551, 13h 54m 31s.

May	7	+22 39 24.32
	23	25.25
June	6	24.15

τ VIRGINIS, 13h 54m 31s.

May	12	+ 2 13 26.36
	26	26.55

WEISSE XIII, 1071, 14h 0m 58s.

June	6	−11 9 43.75

(*), 14h 1m 35s.

May	7	+34 4 10.26
	8	11.42
	9	10.82

WEISSE (2) XIV, 11, 14h 1m 53s.

May	5	+24 58 53.55
	12	52.90

B. A. C. 4700, 14h 3m 12s.

May	23	−15 38 19.94

WEISSE (2) XIV, 228, 14h 10m 47s.

May	7	+41 3 11.82
	8	13.60
	9	12.13

LALANDE 26172, 14h 11m 42s.

May	16	−17 52 33.29
June	5	32.38
	6	32.93

WEISSE (2) XIV, 245, 14h 11m 43s.

1857.		° ′ ″
May	5	+41 1 18.14
	8	19.64
	9	16.45

WEISSE (2) XIV, 248, 14h 11m 58s.

June	11	+24 38 52.15

RUMKER 4697, 14h 18m 48s.

May	26	+ 1 37 40.72

RADCLIFFE 3200, 14h 19m 0s.

May	7	+47 24 17.68
	16	17.56

B. A. C. 4798, 14h 22m 43s.

May	29	+ 1 27 17.54
June	5	18.42
	19	18.75

WEISSE XIV, 422, 14h 23m 37s.

June	11	− 3 10 26.58

RUMKER 4730, 14h 24m 18s.

May	5	+ 1 32 2.68

(*), 14h 24m 39s.

May	16	+49 9 58.85

ρ BOOTIS, 14h 25m 48s.

June	2	+30 59 17.94

B. A. C. 4814, 14h 26m 58s.

May	23	−19 49 21.00

(*), 14h 27m 5s.

May	7	+50 56 26.31
	9	26.63

WEISSE XIV, 540, 14h 29m 52s.

June	6	− 3 16 48.29

O. ARG. S. 13856, 14h 34m 52s.

May	12	−23 53 25.88
	16	25.94
	26	26.14

O. ARG. S. 13870, 14h 35m 27s.

May	12	−23 51 37.29
	16	37.57
	26	38.80

(*), 14h 37m 20s.

May	5	+27 7 29.19

B. A. C. 4869, 14h 38m 22s.

1857.		° ′ ″
June	5	+ 1 18 39.46
	19	39.70

ε BOOTIS 14h 38m 52s.

May	7	+27 39 58.54
	23	40 0.19
June	2	40 0.65
	6	39 59.78
	11	39 58.75

O. ARG. S. 13951, 14h 41m 12s.

May	9	−23 40 42.71
	12	43.37

B. A. C. 4888, 14h 41m 14s.

May	9	−23 39 57.41
	12	56.66

O. ARG. S. 13958, 14h 41m 51s.

May	9	−23 38 6.86
	26	7.92

(*), 14h 43m 46s.

May	12	−23 42 25.28

B. A. C. 4898, 14h 43m 46s.

June	20	− 1 42 48.65

GROOMBRIDGE 2168, 14h 50m 49s.

June	6	+43 25 32.56

GROOMBRIDGE 2169, 14h 50m 51s.

June	6	+43 21 31.79

β URSÆ MINORIS, 14h 51m 9s.

May	16	+74 43 38.17
	23	38.79

WEISSE XIV, 1016, 14h 54m 45s.

May	12	−11 11 11.62
June	5	10.33

B. A. C. 4944, 14h 54m 38s.

June	22	+ 0 25 2.07

WEISSE XIV, 1072, 14h 57m 19s.

May	5	−11 50 45.46
	11	45.92

ψ BOOTIS, 14h 58m 27s.

June	20	+27 29 45.58

WEISSE XIV, 1118, 14h 59m 46s.

June	5	− 1 44 18.25

WEISSE XIV, 1131, 15h 0m 20s.

1857.		° ′ ″
June	25	+ 0 27 21.50

WEISSE XIV, 1142, 15h 0m 51s.

June	25	+ 0 29 2.35

WEISSE XV, 2, 15h 1m 53s.

May	23	− 2 2 18.55
June	26	18.82

B. A. C. 4995, 15h 4m 15s.

May	5	−19 15 31.84
	7	33.10
	16	32.07
	22	31.04

WEISSE (2) XV, 140, 15h 6m 34s.

June	11	+46 0 36.57

β LIBRÆ, 15h 9m 29s.

May	12	− 8 51 48.22

LALANDE 27852, 15h 10m 38s.

May	7	−20 35 21.85
	16	20.26
	20	19.95
	22	(18.33)

LALANDE 27880, 15h 11m 29s.

May	5	−18 39 17.85
	26	18.83
June	16	19.51

WEISSE XV, 221, 15h 13m 21s.

June	25	−13 18 38.89

WEISSE XV, 249, 15h 14m 49s.

June	19	−14 22 26.48

(*), 15h 15m 7s.

June	25	−13 17 46.94

WEISSE XV, 277, 15h 16m 11s.

June	25	−13 16 31.72

O. ARG. S. 14531, 15h 16m 47s.

June	11	−21 32 38.94

LALANDE 28090, 15h 17m 59s.

May	7	−20 53 (7.61)
	16	5.53
June	2	5.16
	6	5.66
	22	4.05
	26	4.77

Hosted by Google

(*), 15h 21m 48s.

1857.		° ′ ″
June	27	−33 5 44.01

LALANDE 28213, 15h 22m 35s.

May	5	−21 24 4.67

LALANDE 28251, 15h 24m 1s.

May	5	−21 29 11.28
	16	11.00
	20	10.55

B. A. C. 5109, 15h 24m 34s.

May	7	−19 11 26.38
	26	24.98
June	22	23.63

(*), 15h 28m 37s.

June	11	−22 8 7.31
	25	8.76

α CORONÆ BOREALIS, 15h 28m 46s.

June	16	+27 11 17.79

(*), 15h 29m 0s.

May	5	−22 26 30.96
June	2	29.86

LALANDE 28414, 15h 29m 35s.

June	26	−22 40 25.70
	27	26.08

LALANDE 28446, 15h 30m 31s.

May	26	−22 35 12.96

LALANDE 28453, 15h 30m 44s.

June	19	−17 12 6.28

LALANDE 28466, 15h 31m 7s.

May	7	−22 41 19.83
	16	19.20
	26	18.97
	27	19.86

(*), 15h 31m 31s.

June	2	−22 25 55.55

B. A. C. 5184, 15h 34m 54s.

June	19	−15 33 40.99

O. ARG. S. 14835, 15h 37m 13s.

June	2	−23 3 50.05

B. A. C. 5220, 15h 40m 10s.

May	16	−23 23 52.06
June	11	52.80
	27	52.67

B. A. C. 5254, 15h 45m 36s.

1857.		° ′ ″
May	16	−23 33 26.66
	26	26.84
June	2	26.43
	19	26.31
	20	27.09
July	13	26.01

(*), 15h 47m 30s.

June	27	−16 50 25.47

WEISSE XV, 939, 15h 49m 49s.

June	11	− 2 34 47.03

(*), 15h 58m 48s.

June	20	−12 6 32.71
	27	32.91

(*), 15h 59m.

June	11	+70 2 21.19

(*), 15h 59m,

June	25	+69 36 11.45

O. ARG. N. 15872, 15h 59m.

June	25	+69 36 54.86

LALANDE 29306, 15h 59m 12s.

June	19	−17 33 15.73

B. A. C. 5345, 15h 59m 27s.

May	16	−24 4 55.91
June	2	55.77
	5	54.61
	15	56.46
July	13	55.72

(*), 16h 6m 16s.

July	13	−20 44 50.33
	14	50.12

B. A. C. 5408, 16h 6m 35s.

June	5	−18 10 20.34
	22	19.86

(*), 16h 7m 44s.

July	7	−20 57 6.76

δ OPHIUCHI, 16h 7m 1s.

June	26	− 3 19 50.41

O. ARG. S. 15438, 16h 7m 19s.

June	2	−24 45 41.48
	27	42.59

(*), 16h 8m.

June	11	+70 41 51.72
	20	52.26

LALANDE 29696, 16h 11m 28s.

1857.		° ′ ″
June	15	−18 29 4.45
	19	4.73

O. ARG. S. 15541, 16h 12m 26s.

June	25	−21 30 0.48

O. ARG. N. 16121, 16h 15m 45s.

June	22	+71 17 5.55

B. A. C. 5467, 16h 15m 54s.

June	26	−19 42 20.72

α SCORPII 16h 20m 50s.

June	20	−26 7 2.11
	25	3.59
July	7	2.55
	14	2.44
August	3	(1.27)

η DRACONIS, 16h 22m 6s.

June	11	+61 49 55.98

LALANDE 30099, 16h 26m 2s.

June	26	− 3 57 37.04

GROOMBRIDGE 2356, 16h 26m 53s.

June	19	+71 41 46.35
	22	45.71

LALANDE 30207, 16h 29m 56s.

July	14	−22 36 17.44

(*), 16h 30m 42s.

June	25	−26 10 42.98
	27	43.75
July	7	43.86

O. ARG. S. 15811, 16h 31m 36s.

June	25	−26 10 22.66
	27	23.55
July	7	22.65

B. A. C. 5580, 16h 33m 40s.

June	26	−19 39 8.41
August	3	7.55

(*), 16h 34m 28s.

June	25	−26 11 12.46
	27	12.64
July	7	12.47

ζ HERCULIS, 16h 36m 0s.

June	20	+31 51 31.61

B. A. C. 5606, 16h 36m 43s.

June	5	−22 55 7.83

LALANDE 30479, 16h 38m 43s.

1857.		° ′ ″
June	15	−19 50 23.65
July	13	23.37

LALANDE 30506, 16h 39m 32s.

June	10	−19 37 10.37

LALANDE 30556, 16h 41m 32s.

July	14	−26 29 36.58

WEISSE XVI, 792, (1st *,) 16h 41m 43s.

June	25	− 4 53 35.84

WEISSE XVI, 792, (2d *,) 16h 41m 46s.

June	25	− 4 53 53.96

(*), 16h 44m 10s.

June	27	−21 7 1.59
August	3	0.47

B. A. C. 5663, 16h 45m 9s.

June	19	−20 10 38.24
	22	39.11
	26	38.36

WEISSE XVI, 912, 16h 48m 13s.

July	13	− 4 56 18.43

LALANDE 30788, 16h 49m 25s.

June	15	−21 33 1.61

O. ARG. S. 16158, 16h 49m 49s.

July	25	−26 53 24.07

O. ARG. S. 16163, 16h 49m 59s.

July	14	−26 47 44.17

κ OPHIUCHI, 16h 51m 3s.

June	11	+ 9 35 45.58
	20	45.24
	25	44.56

B. A. C. 5730, 16h 54m 59s.

June	5	−24 2 8.33
	22	9.31

B. A. C. 5742, 16h 55m 55s.

June	5	−24 2 18.53
	22	19.19

B. A. C. 5769, 16h 59m 5s.

June	15	+73 20 17.70
	20	19.39
	26	19.04

ε URSÆ MINORIS, 17h 0m 27s.

June	25	+82 15 40.21

(*), 17h 0m 44s.

July	25	−24 10 26.11

Hosted by Google

O. Arg. S. 16505, 17h 6m 35s.

1857.		° ′ ″
July	7	−26 21 59.89

α Herculis, 17h 8m 16s.

June	11	+14 33 11.88
	20	10.64
	27	9.40

B. A. C. 5827, 17h 9m 29s.

August	7	−24 7 48.25

Weisse XVII, 202, 17h 12m 31s.

July	25	− 5 45 41.96

B. A. C. 5846, 17h 13m 6s.

July	14	−24 45 37.94

θ Ophiuchi, 17h 13m 25s.

June	11	−24 51 21.51
	27	19.87
July	13	17.56

O. Arg. S. 16847, 17h 21m 33s.

June	27	−17 41 22.57
July	7	22.13

O. Arg. S. 16854, 17h 21m 50s.

June	27	−17 41 45.04
July	7	45.89

(*), 17h 21m 40s.

June	20	−40 55 38.92

Weisse XVII, 409, 17h 23m 5s.

July	13	− 5 58 17.13

Lacaille 7325, 17h 23m 14s.

June	19	−41 3 53.47
	20	54.98
	22	53.49
	25	54.60
August	3	54.27
	7	53.80
	14	55.66

Lalande 31931, 17h 25m 50s.

June	27	−17 44 0.68

O. Arg. S. 16978, 17h 28m 5s.

June	27	−17 45 56.64

O. Arg. S. 17070, 17h 33m 2s.

June	25	−19 22 40.69
July	7	41.03

O. Arg. S. 17098, 17h 34m 9s.

July	25	−19 19 41.37

Lalande 32814, 17h 39m 6s.

1857.		° ′ ″
August	7	−25 7 53.28

μ Herculis, 17h 40m 59s.

June	19	+27 48 19.48
	22	18.98
	27	19.58
August	12	19.62
	14	18.19

Weisse XVII, 834, 17h 42m 33s.

August	3	−12 6 51.66

Lalande 32559, 17h 43m 14s.

June	25	−25 43 49.00

B. A. C. 6041, 17h 44m 4s.

July	7	−19 4 49.53

B. A. C. 6049, 17h 45m 19s.

June	27	−10 51 40.22

B. A. C. 6063, 17h 47m 52s.

July	14	−28 2 17.84
	25	18.47

Weisse XVII, 966, 17h 48m 18s.

June	22	−15 9 18.65

(*), 17h 48m 21s.

June	20	−15·17 50.58

(*), 17h 49m 32s.

July	14	−28 4 9.15

(*), 17h 49m 35s.

July	14	−28 1 53.47
	25	52.47

γ Draconis, 17h 53m 21s.

June	27	+51 30 25.65
July	7	24.71
	12	26.00
	14	24.29
	29	24.80

Lalande 33089, 17h 56m 31s.

June	20	−17 1 59.35
July	13	58.90

(*), 17h 57m 6s.

July	14	−27 47 38.32
	25	37.64

Lalande 33178, 17h 59m 7s.

June	22	−16 40 0.70

O. Arg. S. 17680, 18h 0m 5s.

1857.		° ′ ″
July	25	−27 47 56.60

(*), 18h 0m 5s.

August	11	−27 45 18.29

O. Arg. S. 17695, 18h 0m 30s.

August	11	−27 45 3.53

ο Herculis, 18h 2m 5s.

August	21	+28 44 45.30
	29	44.54

(*), 18h 4m 37s.

July	13	−17 26 36.85

μ1 Sagittarii, 18h 5m 23s.

June	19	−21 5 28.07
	20	27.60
	22	27.55
	25	29.27
July	7	28.27
August	12	27.56
	13	29.85
	14	30.02

(*), 18h 6m 30s.

August	7	−17 23 55.20

(*), 18h 11m 21s.

July	25	−17 46 32.44

Lalande 33694, 18h 11m 40s.

June	20	−17 48 13.45
July	25	15.52

δ Sagittarii, 18h 12m 2s.

July	7	−29 52 59.07
	14	59.94
August	31	59.61

κ Lyræ, 18h 14m 56s.

August	13	+36 0 13.46

δ Ursæ Minoris, 18h 17m 30s.

June	20	+86 36 6.76
	25	5.02
	27	7.81
July	7	6.98
	14	5.67
	25	7.88
August	11	6.02

δ Ursæ Minoris, S. P., 18h 17m 30s.

February	10	+86 36 7.96

Lalande 33966, 18h 18m 15s.

August	7	−18 9 42.60

b Draconis, 18h 21m 50s.

1857.		° ′ ″
August	24	+58 43 13.19

61 Serpentis, 18h 24m 44s.

August	13	− 1 5 56.55
	20	55.84
	31	57.00

Lalande 34354, 18h 27m 24s.

August	3	−18 39 25.27
	7	24.97

B. A. C. 6341, 18h 29m 41s.

August	24	+23 29 41.60
	31	40.97

α Lyræ, 18h 32m 12s.

August	13	+38 39 19.33

(* 36) W., 18h 35m 53s.

August	7	−18 53 51.99

B. A. C. 6371, 18h 36m 54s.

August	27	−27 7 48.97

O. Arg. S. 18683, 18h 40m 4s.

July	14	−22 13 46.67

ε1 Lyræ, 18h 39m 42s.

August	20	+39 31 31.56
	24	31.98

31 Sagittarii, 18h 43m 44s.

August	31	−22 4 53.27

β Lyræ, 18h 44m 55s.

July	7	+33 12 7.91
	25	7.36

Madras 1304, 18h 44m 43s.

August	12	−19 17 0.82

σ Sagittarii, 18h 46m 35s.

August	20	−26 27 59.86
	29	58.41
September	7	59.01

B. A. C. 6454, 18h 49m 0s.

August	7	−20 50 6.26

θ1 Serpentis, 18h 49m 10s.

August	24	+ 4 1 29.25

θ2 Serpentis, 18h 49m 10s.

August	24	+ 4 1 24.14

Hosted by Google

RUMKER 6881, $18^h\ 50^m\ 42^s$.

1857.		° ′ ″
July	25	+21 11 53.44
August	12	53.60

B. A. C. 6507, $18^h\ 56^m\ 17^s$.

August	7	−21 56 31.83

WEISSE (2) XVIII, 1790, $18^h\ 57^m\ 42^s$.

July	7	+21 3 53.02
	25	52.40

WEISSE (2) XVIII, 1806, $18^h\ 58^m\ 11^s$.

July	25	+21 1 16.72

ζ AQUILÆ, $18^h\ 58^m\ 58^s$.

August	3	+13 39 30.67
	14	29.20
	20	29.61

WEISSE (2) XVIII, 1835, $18^h\ 59^m\ 0^s$.

July	14	+21 1 55.74
	25	55.64

B. A. C. 6536, $19^h\ 0^m\ 3^s$.

August	12	−19 30 19.37

20 AQUILÆ, $19^h\ 5^m\ 3^s$.

August	13	− 8 10 12.17
	20	11.83
September	9	11.52

MADRAS 1351, $19^h\ 8^m\ 54^s$.

August	7	−21 18 56.19
	12	56.19

ω AQUILÆ, $19^h\ 11^m\ 15^s$.

August	3	+11 20 46.65
	11	46.06

θ LYRÆ, $19^h\ 11^m\ 32^s$.

August	13	+37 53 11.23
	20	11.01
September	9	11.64

26 AQUILÆ, $19^h\ 13^m\ 4^s$.

August	29	− 5 40 25.90
	31	27.05

κ CYGNI, $19^h\ 13^m\ 48^s$.

September	1	+53 6 41.45

GR. C. 1719, $19^h\ 14^m\ 23^s$.

August	7	−20 54 1.35

O. ARG. S. 19525, $19^h\ 17^m\ 29^s$.

August	12	−19 26 38.94

B. A. C. 6643, $19^h\ 18^m\ 13^s$.

1857.		° ′ ″
August	13	−15 19 37.07
September	3	37.13
	9	35.88

δ AQUILÆ, $19^h\ 18^m\ 26^s$.

August	3	+ 2 50 19.95

4 VULPECULÆ, $19^h\ 19^m\ 19^s$.

August	31	+19 31 36.23

(*), $19^h\ 20^m\ 36^s$.

September	3	−15 23 0.16

LALANDE 36786, $19^h\ 21^m\ 58^s$.

August	7	−19 40 16.50
	11	17.84

e AQUILÆ, $19^h\ 23^m\ 21^s$.

August	24	− 3 4 37.25
	29	37.46

LALANDE 36857, $19^h\ 23^m\ 30^s$.

August	7	−19 40 35.46

β CYGNI, $19^h\ 25^m\ 4^s$.

September	1	+27 40 5.21

B. A. C. 6691, $19^h\ 25^m\ 6^s$.

September	1	+27 40 24.50

μ AQUILÆ, $19^h\ 27^m\ 15^s$.

August	13	+ 7 5 4.44
	31	5.11
September	3	4.32
	9	5.25

h^2 SAGITTARII, $19^h\ 28^m\ 11^s$.

August	3	−25 11 18.83
	11	17.63

B. A. C. 6707, $19^h\ 28^m\ 36^s$.

August	12	−19 9 28.24

LALANDE 37221, $19^h\ 31^m\ 35^s$.

August	7	−22 22 42.09

σ AQUILÆ, $19^h\ 32^m\ 16^s$.

August	24	+ 5 4 54.16
	29	54.61
September	23	54.34

WEISSE XIX. 875, $19^h\ 34^m\ 19^s$.

September	9	+11 36 10.21

χ AQUILÆ, $19^h\ 35^m\ 59^s$.

1857.		° ′ ″
August	13	+11 29 59.35
	20	30 0.20
	31	29 58.62
September	3	59.08
	9	59.47

LALANDE 37507, $19^h\ 38^m\ 13^s$.

August	12	−21 51 31.48

O. ARG. S. 19957, $19^h\ 39^m\ 34^s$.

August	11	−26 14 16.96

γ AQUILÆ, $19^h\ 39^m\ 36^s$.

August	24	+10 16 29.81
September	1	28.63
	25	29.38

(*), $19^h\ 41^m\ 56^s$.

August	7	−22 34 18.54

α AQUILÆ, $19^h\ 43^m\ 57^s$.

August	13	+ 8 30 5.34
	20	5.36
	29	5.05
	31	4.16
September	1	4.87
	23	5.55

(*), $19^h\ 44^m\ 21^s$.

August	7	−22 34 6.64

β AQUILÆ, $19^h\ 48^m\ 26^s$.

August	24	+ 6 3 36.25
September	5	35.88
	8	35.79
	10	34.92
	15	36.87
	17	34.66
	25	35.61

LALANDE 38140, $19^h\ 53^m\ 32^s$.

August	12	−17 14 52.52

B. A. C. 6903, $20^h\ 0^m\ 8^s$.

August	12	−19 12 18.24

O. ARG. S 20274, $20^h\ 1^m\ 38^s$.

August	11	−18 45 8.00
September	26	9.48

λ URSÆ MINORIS, $20^h\ 3^m\ 54^s$.

August	11	+88 53 27.00
	13	26.47
	20	26.73
	24	26.39
	29	26.52
September	1	25.89
	3	24.69
	5	25.42
	8	25.14
	10	26.22
	15	25.89
	17	26.31

o^2 CYGNI, $20^h\ 9^m\ 13^s$.

1857.		° ′ ″
September	24	+46 19 5.21
	26	5.77

33 CYGNI, $20^h\ 10^m\ 8^s$.

September	15	+56 8 25.43
	17	26.54

a^2 CAPRICORNI, $20^h\ 10^m\ 17^s$.

August	7	−12 58 32.42

B. A. C. 6987, $20^h\ 12^m\ 20^s$.

August	12	−20 4 56.64
	13	58.26

γ CYGNI, $20^h\ 17^m\ 11^s$.

August	20	+39 48 36.72
September	3	35.79

71 DRACONIS, $20^h\ 17^m\ 16^s$.

September	5	+61 48 49.78
	8	49.11
	10	50.35
October	7	49.00

ρ CAPRICORNI, $20^h\ 20^m\ 52^s$.

August	29	−18 16 23.46
September	7	(21.62)
	9	22.94
	15	22.01
	17	25.08
	24	23.92
	26	24.91
October	9	23.41

B. A. C. 7053, $20^h\ 21^m\ 51^s$.

August	7	−19 2 46.08

B. A. C. 7054, $20^h\ 21^m\ 52^s$.

August	7	−19 2 34.23
	12	34.18

O. ARG. S. 20569, $20^h\ 23^m\ 24^s$.

August	13	−22 58 18.28

O. ARG. S. 20607, $20^h\ 25^m\ 52^s$.

August	20	−23 43 27.34
September	26	27.97

O. ARG. S. 20654, $20^h\ 29^m\ 27^s$.

August	20	−21 49 7.74

B. A. C. 7116, $20^h\ 30^m\ 16^s$.

August	13	−21 28 44.35
September	3	43.33

Hosted by Google

27 Vulpeculæ, $20^h\ 31^m\ 6^s$.

1857.		° ′ ″
August	29	+25 58 37.77
	31	36.93
September	1	37.43
	9	37.14
	25	36.81
October	9	37.42

B. A. C. 7128, $20^h\ 31^m\ 51^s$.

August	7	−24 16 55.15

73 Draconis, $20^h\ 33^m\ 19^s$.

September	24	+74 28 26.91
	26	27.33
	30	26.03
October	7	25.97

α Cygni, $20^h\ 36^m\ 39^s$.

September	1	+44 46 54.49
	3	53.73
	9	53.17

O. Arg. S. 20839, $20^h\ 38^m\ 36^s$.

September	10	−19 56 45.05

57 Cygni, $20^h\ 48^m\ 18^s$.

August	13	−43 51 31.93
September	1	30.48
	8	31.08
	9	31.15
	24	30.98

32 Vulpeculæ, $20^h\ 48^m\ 36^s$.

August	24	+27 31 37.87
September	3	36.60
	5	37.66
	15	37.33
	17	37.10
	23	38.45
	30	37.71
October	1	37.12
	7	36.95
	9	38.29

B. A. C. 7259, $20^h\ 48^m\ 56^s$.

September	1	+43 51 22.63

(*), $20^h\ 51^m\ 1^s$.

October	6	−31 3 0.04

76 Draconis, $20^h\ 52^m\ 29^s$.

August	31	+82 0 34.98
September	5	35.64
	10	34.72
	24	33.92
	25	35.16

59 Cygni, $20^h\ 55^m\ 3^s$.

September	3	+46 58 32.26
	8	32.81
	15	32.98

θ Capricorni, $20^h\ 58^m\ 4^s$.

1857.		° ′ ″
August	24	−17 47 11.37
	29	10.81
September	9	12.16
	23	11.70
October	9	11.40

61^1 Cygni, $21^h\ 0^m\ 37^s$.

August	13	+38 3 (48.03)
	20	46.40
September	1	46.16
	3	46.36
	5	46.59
	8	46.02
	10	46.50
	15	46.36
	17	45.86
	24	46.07
	26	46.44
	30	47.15
October	1	46.75
	6	47.46
	8	45.84
	10	45.48

61^2 Cygni, $21^h\ 0^m\ 39^s$.

August	13	+38 3 (43.48)
September	1	41.87
	5	41.96
	8	41.39
	10	42.39
	15	41.20
	17	41.53
	24	41.67
	26	41.74
	30	40.99
October	1	42.25
	6	42.43
	8	41.11
	10	41.33

υ Aquarii, $21^h\ 1^m\ 58^s$.

September	9	−11 56 9.22
October	7	10.21

ζ Cygni, $21^h\ 6^m\ 59^s$.

August	20	+29 39 15.40
September	3	15.85
	17	15.96

29 Capricorni, $21^h\ 8^m\ 0^s$.

August	29	−15 45 1.74
	31	1.56
September	23	1.02

B. A. C. 7377, $21^h\ 8^m\ 14^s$.

September	10	+59 24 42.88
	26	42.98
October	8	42.49

α Equulei, $21^h\ 8^m\ 49^s$.

October	1	+ 4 40 15.36
	6	16.37
	10	15.47

α Cephei, $21^h\ 15^m\ 14^s$.

1857.		° ′ ″
September	3	+61 59 36.24
	5	36.31
	8	36.26
	15	36.06
	17	36.44
October	1	36.30

ζ Capricorni, $21^h\ 18^m\ 39^s$.

August	20	−23 0 54.29
	29	53.36
September	1	54.99
	9	53.74
	10	54.96
	23	54.05
	25	54.43

β Aquarii, $21^h\ 24^m\ 11^s$.

August	29	− 6 11 5.30
September	1	5.69
	3	6.32
	5	5.92
	8	5.95
	9	6.47
	17	7.25
	26	5.94
	30	(3.37)
December	3	5.29

(*), $21^h\ 28^m\ 10^s$.

October	12	−16 19 5.07

(*), $21^h\ 28^m\ 34^s$.

September	26	−19 0 56.70

ε Capricorni, $21^h\ 29^m\ 14^s$.

August	29	−20 5 26.83
	31	26.89
September	9	26.33
	10	28.34
	25	26.93
October	9	26.73

ξ Aquarii, $21^h\ 30^m\ 18^s$.

September	1	− 8 28 48.79
	5	48.75
	8	46.97
	23	48.13

γ Capricorni, $21^h\ 32^m\ 19^s$.

September	15	−17 17 33.66
	17	34.08
	25	33.08
October	7	33.89

9 Cephei, $21^h\ 34^m\ 10^s$.

September	10	+61 27 5.53
	30	5.80
October	6	4.32

π^1 Cygni, $21^h\ 37^m\ 7^s$.

September	8	+50 33 6.72
	26	7.77
December	3	7.05

ε Pegasi, $21^h\ 37^m\ 19^s$.

1857.		° ′ ″
August	31	+ 9 14 6.07
September	9	5.30

μ Cygni, $21^h\ 37^m\ 53^s$.

September	1	+28 6 42.45
	15	42.75
October	12	41.96

B. A. C. 7570, $21^h\ 38^m\ 6^s$.

September	1	+28 8 33.80
	5	33.72

δ Capricorni, $21^h\ 39^m\ 18^s$.

September	25	−16 45 36.93
October	8	37.45
	9	36.71

11 Cephei, $21^h\ 39^m\ 50^s$.

October	10	+70 40 2.81
December	3	3.01

λ Capricorni, $21^h\ 39^m\ 51^s$.

September	17	−12 0 35.01
	23	33.92

78 Draconis, $21^h\ 41^m\ 20^s$.

September	10	+71 40 44.17
	30	43.61
October	6	42.73

15 Pegasi, $21^h\ 46^m\ 15^s$.

August	31	+28 8 23.12
September	1	23.06
	5	23.03
	9	23.81
	15	23.29
October	7	22.87
	9	23.38

16 Pegasi, $21^h\ 46^m\ 41^s$.

September	8	+25 16 3.72
	17	3.74
	26	3.60
October	8	3.81
	10	4.15
	12	3.52
	17	3.87

O. Arg. S. 21775, $21^h\ 51^m\ 25^s$.

September	1	−23 32 22.81
	8	21.87
	10	23.34

O. Arg. S. 21832, $21^h\ 55^m\ 38^s$.

September	26	−22 22 33.17
October	10	32.12

O. Arg. S. 21841, $21^h\ 56^m\ 22^s$.

September	5	−22 27 21.93
October	6	22.46
	8	21.64

Hosted by Google

α Aquarii, 21h 58m 35s.

1857.	° ′ ″
September 17	− 0 59 54.94
October 17	54.46
December 7	54.05

35 Aquarii, 22h 1m 18s.

September 1	−19 12 11.12
8	11.65
10	11.07
October 7	(8.84)
9	10.04

π1 Pegasi, 22h 3m 2s.

September 17	+32 29 21.73
October 10	22.70
21	22.11

π2 Pegasi, 22h 3m 46s.

September 17	+32 29 32.43
October 10	32.69
21	32.17

O. Arg. S. 21987, 22h 5m 24s.

September 26	−22 5 46.46

40 Aquarii, 22h 5m 57s.

September 1	−12 36 58.63
5	58.89
9	58.46
October 7	57.34

ζ Cephei, 22h 6m 1s.

September 8	+57 30 42.88
10	43.21
October 6	43.56

O. Arg. S. 22002, 22h 6m 21s.

September 26	−22 6 11.79

θ Aquarii, 22h 9m 27s.

September 15	− 8 28 43.00
25	43.46
October 9	44.52
21	42.59
December 3	43.29
7	44.72

ε Cephei, 22h 9m 52s.

October 1	+56 20 48.80
8	47.68
12	47.86

γ Aquarii, 22h 14m 25s.

September 5	− 2 5 29.39
8	29.45
9	29.54
October 7	28.57

32 Pegasi, 22h 14m 52s.

September 10	+27 37 34.87
15	35.36
October 6	35.46

51 Aquarii, 22h 16m 48s.

1857.	° ′ ″
September 17	− 5 32 38.86
26	38.65
October 8	38.36
9	37.82

β Lacertæ, 22h 18m 5s.

October 1	+51 31 42.74
10	43.03
12	42.42

π Aquarii, 22h 18m 8s.

September 23	+ 0 40 6.88
October 21	6.21
December 3	6.09

B. A. C. 7817, 22h 18m 26s.

December 7	−24 23 34.42

σ Aquarii, 22h 23m 14s.

September 5	−11 23 34.81
8	34.42
9	34.74
17	35.79
25	(31.61)
October 7	34.08

α Lacertæ, 22h 25m 32s.

September 10	+49 33 49.71
15	50.43
26	48.87
October 1	49.45

O. Arg. S. 22223, 22h 26m 14s.

November 3	−22 49 24.15

η Aquarii, 22h 28m 10s.

October 6	− 0 50 15.83
8	16.61
10	16.79
12	16.92
17	16.53

9 Lacertæ, 22h 31m 38s.

September 8	+50 49 23.58
10	24.55
17	23.99
25	24.72

31 Cephei, 22h 32m 18s.

September 26	+72 55 1.35
October 7	2.03
8	0.90
November 3	1.26

30 Cephei, 22h 33m 42s.

September 15	+62 51 26.95
24	26.45
October 31	27.17

ζ Pegasi, 22h 34m 29s.

1857.	° ′ ″
September 23	+10 6 5.60
October 1	4.88
9	6.00

B. A. C. 7909, 22h 34m 35s.

November 3	−30 5 27.92

ο Pegasi, 22h 35m 11s.

October 10	+28 34 39.97
12	39.36
17	39.39

η Pegasi, 22h 36m 27s.

September 8	+29 29 23.92
17	23.41
December 3	23.29

B. A. C. 7947, 22h 40m 1s.

October 12	−20 20 33.22
December 12	32.34

τ2 Aquarii, 22h 42m 11s.

September 5	−14 19 49.56
8	49.34
10	49.59
17	49.73
23	49.20
24	49.28
October 7	48.76
9	48.50

α Piscis Australis, 22h 49m 54s.

September 5	−30 21 47.89
October 1	48.31
8	47.48
9	46.07
10	47.07
12	47.98
31	46.66
November 12	48.28
December 3	47.68
7	48.13
12	47.65
19	48.42

Weisse XXII, 1149, 22h 55m 3s.

November 4	−12 3 45.94
December 7	49.13

Weisse XXII, 1156, 22h 55m 12s.

November 4	−12 1 0.28

B. A. C. 8025, 22h 55m 44s.

October 8	−35 30 21.47
19	17.80
21	18.20

O. Arg. S. 22587, 22h 56m 39s.

December 3	−22 59 11.92
10	12.39

α Pegasi, 22h 57m 47s.

1857.	° ′ ″
September 24	+14 27 9.43
26	9.67
October 1	9.24
9	9.42
10	9.56
12	9.44
31	9.75
November 7	9.92

Weisse XXII, 1283, 23h 1m 24s.

November 11	− 5 32 10.50

7 Andromedæ, 23h 6m 6s.

September 5	+48 38 31.17
8	30.16
10	31.32
December 3	31.53

φ Aquarii, 23h 7m 4s.

September 17	− 6 48 12.22
24	11.25
26	11.94
October 9	11.14

B. A. C. 8088, 23h 7m 12s.

October 18	−41 51 48.95
27	51.60
19	49.57

Weisse XXIII, 177, 23h 9m 52s.

November 4	+ 3 41 55.19
7	54.93
11	53.96

γ Piscium, 23h 9m 54s.

October 12	+ 2 31 5.52
November 3	6.36
December 7	4.90
10	4.71

Weisse XXIII, 183, 23h 10m 10s.

November 7	+ 3 41 15.65
11	14.09

ψ3 Aquarii, 23h 11m 40s.

September 5	−10 22 32.20
8	32.15
10	31.94
24	32.39
26	31.60
October 7	30.11

υ Pegasi, 23h 18m 39s.

September 17	+22 38 1.08
24	1.21
26	1.09
October 7	2.45
9	1.89

Hosted by Google

κ Piscium, $23^h\ 19^m\ 45^s$.

1857.		° ′ ″
October	8	+ 0 28 23.04
	10	23.41
	12	22.95
	17	23.27
	21	24.58
	30	23.19
	31	23.23
November	3	23.40
	4	23.52
	14	24.12
December	19	22.19

13 Andromedæ, $23^h\ 20^m\ 13^s$.

September	5	+42 8 28.82
	8	27.83
	10	28.53

Weisse XXIII, 476, $23^h\ 24^m\ 13^s$.

November	4	− 5 1 21.22
	7	21.87

Weisse XXIII, 534, $23^h\ 26^m\ 44^s$.

December	14	+ 5 11 27.10

Rumker 11367, $23^h\ 28^m\ 17^s$.

December	3	− 7 55 30.62
	7	31.26

Weisse XXIII, 592, $23^h\ 29^m\ 5^s$.

December	10	− 7 53 25.60
	12	25.21

ι Andromedæ, $23^h\ 31^m\ 17^s$.

October	12	+42 29 36.82

ι Piscium, $23^h\ 32^m\ 45^s$.

October	7	+ 4 52 3.89
	8	3.38
December	31	3.79

Weisse XXIII, 678, $23^h\ 33^m\ 20^s$.

November	14	− 2 8 9.31

γ Cephei, $23^h\ 33^m\ 38^s$.

October	17	+76 51 3.44
	21	3.48
November	3	3.97

λ Piscium, $23^h\ 34^m\ 54^s$.

September	17	+ 1 0 34.63
	24	35.29
October	30	35.00

τ Cassiopeæ, $23^h\ 40^m\ 13^s$.

October	1	+57 52 20.40
	8	20.39
	12	20.18
	21	19.56

δ Sculptoris, $23^h\ 41^m\ 38^s$.

1857.		° ′ ″
October	7	−28 54 14.69
	14	15.49
December	3	15.84
	7	17.08
	12	16.01
	31	15.64

B. A. C. 8313, $23^h\ 48^m\ 2^s$.

November	3	−32 42 3.13

B. A C. 8314, $23^h\ 48^m\ 4^s$.

December	31	+73 37 53.01

Weisse XXIII, 994, $23^h\ 49^m\ 7^s$.

December	19	+ 3 50 55.06

Weisse XXIII, 1032, $23^h\ 50^m\ 37^s$.

November	11	+ 4 37 32.47

ω Piscium, $23^h\ 52^m\ 7^s$.

October	1	+ 6 5 17 59
	8	18.58
	12	17.38
	21	18.09
November	12	19.09
	14	19.26
	27	17.20
December	3	18.40
	7	18.78
	12	19.12
	14	18.00
	15	18.56

30 Piscium, $23^h\ 54^m\ 47^s$.

October	7	− 6 47 30.17
	9	31.14
November	2	31.51
	7	30.91

Weisse XXIII, 1142, $23^h\ 55^m\ 35^s$.

November	3	+ 5 15 21.19
	4	21.10

2 Ceti, $23^h\ 56^m\ 33^s$.

October	1	−18 6 56.89
	8	56.18
	31	54.39

33 Piscium, $23^h\ 58^m\ 10^s$.

October	12	− 6 29 26.97
	17	27.01
	21	26.45

Weisse XXIII, 1196, $23^h\ 58^m\ 23^s$.

December	3	−10 54 24.41
	7	24.15

Weisse XXIII, 1208, $23^h\ 59^m\ 7^s$.

November	17	−11 33 28.31
December	10	28.85

α Andromedæ, $0^h\ 1^m\ 6^s$.

1858.		° ′ ″
November	13	+28 19 2.10

Weisse XXIII, 1250, $0^h\ 1^m\ 12^s$.

December	17	+ 2 39 45.11

Weisse XXIII, 1269, $0^h\ 1^m\ 44^s$.

September	20	+12 1 36.01
	27	33.96
October	15	34.85

Weisse O, 4, $0^h\ 1^m\ 58^s$.

September	20	+12 1 55.14
	27	54.33
October	15	54.71

Santini 8, $0^h\ 4^m\ 37^s$.

October	26	+ 8 21 43.06

Weisse O, 90, $0^h\ 5^m\ 55^s$.

December	17	+ 2 36 50.68

γ Pegasi, $0^h\ 6^m\ 2^s$.

October	23	+14 24 18.02
November	19	19.42

Weisse O, 112, $0^h\ 7^m\ 31^s$.

December	17	+ 2 35 8.23

35 Piscium, (1st ✱,) $0^h\ 7^m\ 46^s$.

October	20	+ 8 2 35.38
	27	36.13

35 Piscium, (2d ✱,) $0^h\ 7^m\ 46^s$.

October	20	+ 8 2 25.64
	27	26.83

d Piscium, $0^h\ 13^m\ 23^s$.

October	20	+ 7 24 43.95

Weisse O, 287, $0^h\ 17^m\ 23^s$.

November	19	+ 2 35 56.15
December	17	54.86

45 Piscium, $0^h\ 18^m\ 29^s$.

September	29	+ 6 54 59.72
October	15	60.77

12 Ceti, $0^h\ 22^m\ 54^s$.

January	1	− 4 43 53.52
October	23	52.54
	26	52.87
November	18	52.90

Weisse O, 376, $0^h\ 23^m\ 20^s$.

October	27	+ 2 29 34.46
November	19	34.54

Weisse O, 437, $0^h\ 26^m\ 17^s$.

1858.		° ′ ″
October	15	− 4 48 53.79

Weisse O, 443, $0^h\ 26^m\ 45^s$.

October	27	+ 2 32 52.04
November	19	52.43

Weisse O, 452, $0^h\ 26^m\ 55^s$.

December	17	+ 5 11 1.83

π Andromedæ, $0^h\ 29^m\ 25^s$.

January	7	+32 56 52.68
	12	51.73

Weisse O, 503, $0^h\ 30^m\ 0^s$.

October	15	− 1 38 8.29

α Cassiopeæ, $0^h\ 32^m\ 35^s$.

November	18	+55 46 6.15

Weisse O, 595, $0^h\ 34^m\ 50^s$.

September	29	+ 3 0 50.28
December	17	49.84

Weisse O, 608, $0^h\ 35^m\ 31^s$.

September	29	+ 3 1 23.71
October	27	25.71
December	17	25.45

β Ceti, $0^h\ 36^m\ 36^s$.

November	17	−18 45 19.98

Wiesse O, 642, $0^h\ 37^m\ 15^s$.

November	26	−14 10 53.51

ζ Andromedæ, $0^h\ 39^m\ 56^s$.

January	7	+23 30 17.94
	12	17.09

Weisse O, 711, $0^h\ 41^m\ 9^s$.

November	19	+ 3 22 45.24

B. A. C. 230, $0^h\ 42^m\ 44^s$.

November	26	−14 19 15.48

Weisse O, 742, $0^h\ 43^m\ 15^s$.

January	1	+ 6 20 44.61

Weisse O, 775, $0^h\ 44^m\ 1^s$.

September	29	+ 3 17 52.57
October	15	53.68
	27	53.88

Hosted by Google

20 Ceti, $0^h\ 45^m\ 51^s$.

1858.	° ′ ″
November 18	− 1 54 18.58

B. A. C. 243, $0^h\ 46^m\ 7^s$.

September 29	+ 3 19 33.87
October 15	34.45
27	35.56

Weisse O, 801, $0^h\ 46^m\ 12^s$.

October 20	+ 8 33 1.06

(*), $0^h\ 50^m\ 0^s$.

November 19	+ 3 1 7.80

Weisse O, 925, $0^h\ 53^m\ 15^s$.

November 26	+ 7 56 48.30

ε Piscium, $0^h\ 55^m\ 41^s$.

January 20	+ 7 8 8.12
22	7.64
October 20	6.80
27	7.52
November 13	7.37

Weisse O, 997, $0^h\ 57^m\ 20^s$.

September 29	+ 8 50 2.02

Rumker, N. F., 538, $1^h\ 1^m\ 13^s$.

January 1	+ 3 41 2.05

Polaris, $1^h\ 8^m\ 2^s$.

January 12	+88 33 46.71
20	46.57
22	46.72
September 29	47.11
October 20	46.94
27	46.18
November 19	47.25
26	47.81
December 10	47.40
17	46.82

Polaris, S. P., $1^h\ 8^m\ 2^s$.

March 30	+88 33 49.88
April 3	47.35
9	47.51
16	47.64
21	47.76
27	47.96
May 12	48.64
13	48.99
22	48.05
June 2	48.06
7	46.61
19	47.42
25	46.75

Rumker, N. F., 572, $1^h\ 9^m\ 30^s$.

January 1	+ 4 18 57.36

Rumker, N. F., 585, $1^h\ 11^m\ 50^s$.

January 1	+ 4 17 46.04

μ Piscium, $1^h\ 22^m\ 51^s$.

1858.	° ′ ″
January 7	+ 5 25 16.27
12	15.52

η Piscium, $1^h\ 24^m\ 0^s$.

January 20	+14 37 21.47
22	22.34
December 10	21.75

Weisse I, 410, $1^h\ 24^m\ 31^s$.

October 26	+ 9 16 1.06

Rumker, N. F., 755, $1^h\ 27^m\ 26^s$.

January 7	+ 6 2 39.48
12	38.07

π Piscium, $1^h\ 29^m\ 40^s$.

January 20	+11 25 26.30

ν Piscium, $1^h\ 34^m\ 9^s$.

January 19	+ 4 46 39.69
November 18	40.71
December 16	39.86

ο Piscium, $1^h\ 38^m\ 0^s$.

January 7	+ 8 27 7.09
12	6.77

γ^1 Arietis, $1^h\ 45^m\ 51^s$.

November 19	+18 36 20.99

γ^2 Arietis, $1^h\ 45^m\ 51^s$.

November 19	+18 36 29.39

β Arietis, $1^h\ 46^m\ 55^s$.

January 7	+20 7 19.58
12	19.47
19	18.96
November 26	19.74

ι Arietis, $1^h\ 50^m\ 23^s$.

November 19	+17 7 57.04

58 Ceti, $1^h\ 50^m\ 52^s$.

December 16	− 2 44 37.94

Weisse I, 1038, $1^h\ 58^m\ 37^s$.

January 19	+ 8 46 6.08

α Arietis, $1^h\ 59^m\ 17^s$.

November 18	+22 47 54.78

B. A. C. 672, $2^h\ 4^m\ 0^s$.

November 19	+ 7 54 48.83
December 16	49.24

Weisse II, 72, $2^h\ 5^m\ 58^s$.

1858.	° ′ ″
January 20	+ 4 5 32.82

67 Ceti, $2^h\ 10^m\ 0^s$.

January 19	− 7 4 8.62
December 10	9.20
17	8.34

(*), $2^h\ 17^m\ 33^s$.

November 19	+61 10 6.93

B. A. C. 771, $2^h\ 23^m\ 9^s$.

December 18	+17 4 56.50

30 Arietis, $2^h\ 28^m\ 52^s$.

January 20	+24 2 11.34

B. A. C. 797, $2^h\ 28^m\ 56^s$.

January 20	+24 2 7.98

Weisse II, 556, $2^h\ 32^m\ 58^s$.

November 19	+15 4 59.22

γ Ceti, $2^h\ 36^m\ 3^s$.

January 22	+ 2 38 38.44
February 6	37.43
December 17	37.03

B. A. C. 866, $2^h\ 40^m\ 38^s$.

January 20	+24 36 5.24

τ Persei, $2^h\ 44^m\ 21^s$.

January 19	+52 11 8.89
22	10.29

ρ^3 Arietis, $2^h\ 48^m\ 33^s$.

January 20	+17 27 44.13
February 6	44.28

ε Arietis, $2^h\ 51^m\ 12^s$.

November 19	+20 46 40.59

γ Persei, $2^h\ 54^m\ 26^s$.

January 19	+52 57 16.75

β Persei, $2^h\ 59^m\ 3^s$.

February 6	+40 24 46.88
8	47.37

Weisse III, 26, $3^h\ 3^m\ 16^s$.

January 20	+ 9 28 16.21

δ Arietis, $3^h\ 3^m\ 36^s$.

January 19	+19 11 39.25
December 17	39.23

ζ Arietis, $3^h\ 6^m\ 51^s$.

1858.	° ′ ″
November 19	+20 31 21.90

Weisse III, 168, $3^h\ 10^m\ 8^s$.

February 8	+13 19 50.35

τ^1 Arietis, $3^h\ 13^m\ 9^s$.

January 19	+20 38 22.07
20	22.27

64 Arietis, $3^h\ 16^m\ 2^s$.

December 28	+24 13 32.15

Weisse III, 295, $3^h\ 17^m\ 25^s$.

January 20	+ 9 30 45.58

ξ Tauri, $3^h\ 19^m\ 35^s$.

February 8	+ 8 14 30.89

66 Arietis, $3^h\ 20^m\ 16^s$.

January 19	+22 19 7.11

f Tauri, $3^h\ 23^m\ 9^s$.

February 6	+12 27 13.91

Weisse (2) III, 639, $3^h\ 30^m\ 8^s$.

February 8	+18 53 51.78

11 Tauri, $3^h\ 32^m\ 25^s$.

February 6	+24 52 23.94

η Tauri, $3^h\ 39^m\ 10^s$.

January 19	+23 40 9.17
20	9.13
February 6	8.59

27 Tauri, $3^h\ 40^m\ 50^s$.

February 6	+23 37 18.94

ζ Persei, $3^h\ 45^m\ 20^s$.

February 17	+31 27 50.90

Rumker 1023, $3^h\ 46^m\ 28^s$.

December 16	+16 12 20.72

ε Persei, $3^h\ 48^m\ 28^s$.

January 19	+39 36 5.16
20	4.28

λ Tauri, $3^h\ 52^m\ 55^s$.

February 6	+12 5 30.02

Hosted by Google

A¹ TAURI, $3^h\ 56^m\ 25^s$.

1858.		° ′ ″
February	3	+21 41 45.58
	17	46.19

μ PERSEI, $4^h\ 4^m\ 38^s$.

February	17	+48 2 57.99

o¹ ERIDANI, $4^h\ 5^m\ 2^s$.

January	20	− 7 12 19.55
February	6	19.46
December	16	19.56

(*), $4^h\ 5^m\ 50^s$.

February	3	+44 19 37.93

WEISSE (2) IV, 137, $4^h\ 8^m\ 24^s$.

February	3	+44 20 9.21

γ TAURI, $4^h\ 11^m\ 50^s$.

January	20	+15 17 8.59
February	6	8.99
	25	9.69
	27	8.77

ε TAURI, $4^h\ 20^m\ 27^s$.

January	20	+18 51 59.21
February	3	58.86
	27	58.22

85 TAURI, $4^h\ 23^m\ 52^s$.

February	6	+15 32 51.44
	25	51.31
December	16	51.24

σ² TAURI, $4^h\ 31^m\ 16^s$.

December	16	+15 38 13.56

c² TAURI, $4^h\ 32^m\ 16^s$.

February	17	+11 55 9.16
	25	9.28
	27	8.38

WEISSE (2) IV, 713, $4^h\ 33^m\ 1^s$.

February	6	+22 24 5.80

(*), $4^h\ 40^m\ 57^s$.

February	8	− 1 36 37.18

LALANDE 9043, $4^h\ 41^m\ 34^s$.

February	8	− 1 36 24.52

i TAURI, $4^h\ 43^m\ 11^s$.

February	6	+18 35 53.32
	17	52.54
	25	52.17
	27	52.21

ι AURIGÆ, $4^h\ 47^m\ 53^s$.

1858.		° ′ ″
March	24	+32 56 23.74
December	28	24.92

o² ORIONIS, $4^h\ 48^m\ 31^s$.

February	6	+13 17 23.20
	17	22.90

κ TAURI, $4^h\ 49^m\ 35^s$.

February	8	+24 49 49.16
	27	49.25

ε LEPORIS, $4^h\ 59^m\ 32^s$.

February	6	−22 33 42.96
	8	43.32
	17	42.08

α AURIGÆ, $5^h\ 6^m\ 21^s$.

February	6	+45 51 4.79
	17	3.13
March	24	2.98

β ORIONIS, $5^h\ 7^m\ 48^s$.

February	8	− 8 21 58.84
March	24	60.15

β TAURI, $5^h\ 17^m\ 26^s$.

February	6	+28 29 6.74
	8	6.66
	17	6.87
	25	5.81
	27	6.09
March	24	6.23

δ ORIONIS, $5^h\ 24^m\ 51_s$.

February	6	− 0 24 22.51
	8	22.94
	17	22.01
	25	22.43
	27	23.80

125 TAURI, $5^h\ 31^m\ 3_s$.

February	25	+25 48 52.86
	27	52.01

α COLUMBÆ, $5^h\ 34^m\ 35_s$.

February	6	−34 9 4.82
March	10	6.32
	12	4.15

129 TAURI, $5^h\ 38^m\ 42^s$.

February	8	+15 45 49.97
	17	49.94
	25	49.59
	27	48.99

χ¹ ORIONIS, $5^h\ 46^m\ 6^s$.

February	17	+20 14 48.22
	25	47.82
	27	46.48

δ AURIGÆ, $5^h\ 48^m\ 0^s$.

1858.		° ′ ″
March	10	+54 16 5.17
	24	6.33

ν ORIONIS, $5^h\ 59^m\ 35^s$.

February	25	+14 46 52.99
	27	51.90
March	10	51.49
	24	51.41

3 GEMINORUM, $6^h\ 1^m\ 14^s$.

February	6	+23 7 56.53
	8	56.17

η GEMINORUM, $6^h\ 6^m\ 25^s$.

February	6	+22 32 36.27
	8	35.41
March	10	35.79

κ AURIGÆ, $6^h\ 6^m\ 27^s$.

February	25	+29 32 44.15
	27	42.23
March	24	42.50

B. A. C. 2023, $6^h\ 9^m\ 34^s$.

February	17	+27 15 37.00
March	12	35.81

μ GEMINORUM, $6^h\ 14^m\ 29^s$.

March	10	+22 34 53.06

LALANDE 12237, $6^h\ 17^m\ 28^s$.

February	27	+25 35 6.74

(*), $6^h\ 21^m\ 12^s$.

February	27	+25 31 8.13

γ GEMINORUM, $6^h\ 29^m\ 38^s$.

March	31	+16 30 53.45

35 AURIGÆ, $6^h\ 32^m\ 54^s$.

February	27	+44 39 14.75

51 CEPHEI, $6^h\ 33^m\ 38^s$.

February	6	+87 14 54.93
	8	53.49
	17	54.92
	23	53.17
	25	54.06
March	10	53.59
	12	53.72
	24	54.77

51 CEPHEI, S. P., $6^h\ 33^m\ 38^s$.

1858.		° ′ ″
June	28	+87 14 54.94
	29	54.56
	30	55.43
July	6	54.59
	7	55.28
	9	53.57
	10	54.56
	15	54.49
	22	53.26
	24	54.23
	26	52.99
	27	53.08
	28	54.26
	29	53.07
August	4	53.40
	6	53.04
	7	54.05
	9	53.83
	10	54.35
	11	54.41
	13	53.47
	16	53.35
	17	52.92
	19	54.08
	20	53.39
	23	54.08
	24	53.48
September	6	54.49

α CANIS MAJORIS, $6^h\ 38^m\ 59^s$.

March	24	−16 31 37.69
	31	36.32

θ GEMINORUM, $6^h\ 43^m\ 34^s$.

February	23	+34 7 31.03
	25	30.99
	27	30.45
March	12	30.11

LALANDE 13504, $6^h\ 52^m\ 20^s$.

February	27	+24 40 18.65
March	12	18.99

B. A. C. 2299, $6^h\ 53^m\ 51^s$.

March	24	+24 24 38.98

ζ GEMINORUM, $6^h\ 55^m\ 50^s$.

February	23	+20 46 17.48
	25	18.36

τ GEMINORUM, $7^h\ 2^m\ 13^s$.

March	24	+30 28 13.96
	31	13.68

O. ARG. N. 7753, $7^h\ 9^m\ 33^s$.

March	24	+60 14 28.34

δ GEMINORUM, $7^h\ 11^m\ 46^s$.

March	31	+22 14 10.89

(*), $7^h\ 12^m\ 25^s$.

March	10	+25 15 39.48

(*), $7^h\ 12^m\ 25^s$.

March	10	+25 18 15.87

Hosted by Google

WEISSE VII, 529, $7^h\ 17^m\ 48^s$.

1858.		° ′ ″
March	12	−14 28 8.88
	24	9.01

WEISSE VII, 756, $7^h\ 25^m\ 19^s$.

March	24	+10 43 1.96

α^1 GEMINORUM, $7^h\ 25^m\ 39^s$.

March	13	+32 11 26.18
	31	25.49

α^2 GEMINORUM, $7^h\ 25^m\ 40^s$.

March	13	+32 11 28.35
	31	28.59

υ GEMINORUM, $7^h\ 27^m\ 17^s$.

February	27	+27 12 11.13
March	10	11.28

WEISSE VII, 968, $7^h\ 31^m\ 50^s$.

March	24	+10 42 37.66

α CANIS MINORIS, $7^h\ 31^m\ 58^s$.

March	29	+ 5.34 50.18
	31	50.67

WEISSE VII, 1053, $7^h\ 34^m\ 40^s$.

March	12	+13 34 11.16

κ GEMINORUM, $7^h\ 35^m\ 59^s$.

February	25	+24 43 47.84
	27	47.90
March	10	48.08

(*), $7^h\ 40^m\ 46^s$.

March	13	−14 16 7.19
	24	7.33

ϕ GEMINORUM, $7^h\ 44^m\ 55^s$.

February	23	+27 7 27.53
	25	28.45
	27	27.94
March	10	29.25
	12	28.03
	31	28.91

1 CANCRI, $7^h\ 49^m\ 2^s$.

February	23	+16 9 38.74
	25	38.50
	27	39.32
March	10	39.67

(*), $7^h\ 49^m\ 53^s$.

March	24	+20 31 44.16

3 CANCRI, $7^h\ 52^m\ 45^s$.

March	12	+17 41 20.47
	13	20.68
	18	20.28

6 CANCRI, $7^h\ 54^m\ 55^s$.

1858.		° ′ ″
March	31	+28 10 59.51

d^1 CANCRI, $8^h\ 15^m\ 21^s$.

March	29	+18 46 42.16
	31	41.47

θ CANCRI, $8^h\ 23^m\ 37^s$.

March	29	+18 33 52.30
	31	52.44

40 CANCRI, $8^h\ 32^m\ 8^s$.

March	24	+20 27 44.62

γ CANCRI, $8^h\ 35^m\ 15^s$.

March	25	+21 58 7.99

ε HYDRÆ, $8^h\ 39^m\ 22^s$.

March	12	+ 6 55 46.92
	29	47.28
	31	46.45

6 URSÆ MAJORIS, $8^h\ 44^m\ 34^s$.

March	24	+65 8 7.36
	25	7.86

ι URSÆ MAJORIS, $8^h\ 49^m\ 36^s$.

March	13	+48 35 16.45
	29	17.80

o^2 CANCRI, $8^h\ 49^m\ 46^s$.

March	31	+16 6 57.89

κ URSÆ MAJORIS, $8^h\ 54^m\ 5^s$.

March	25	+47 42 25.09
April	21	25.22

79 CANCRI, $9^h\ 2^m\ 18^s$.

March	13	+22 33 43.66
	17	44.87
	29	43.96

c URSÆ MAJORIS, $9^h\ 3^m\ 14^s$.

March	31	+61 59 48.39
April	21	47.93

e URSÆ MAJORIS, $9^h\ 6^m\ 6^s$.

March	17	+54 35 49.27
	29	48.52
	31	48.42

83 CANCRI, $9^h\ 11^m\ 10^s$.

March	13	+18 17 46.95

h URSÆ MAJORIS, $9^h\ 20^m\ 26^s$.

1858.		° ′ ″
March	18	+63 40 14.13
	29	14.70
	31	15.25

α HYDRÆ, $9^h\ 20^m\ 42^s$.

March	13	− 8 3 13.48

d URSÆ MAJORIS, $9^h\ 22^m\ 3^s$.

March	25	+70 26 31.01
April	21	31.05

ξ LEONIS, $9^h\ 24^m\ 23^s$.

March	31	+11 55 3.61
April	21	3.31

26 URSÆ MAJORIS, $9^h\ 25^m\ 13^s$.

March	13	+52 40 16.86
	29	16.55

2 SEXTANTIS, $9^h\ 31^m\ 9^s$.

March	23	+ 5 16 47.08
April	21	45.69
	24	46.23

WEISSE (2) IX, 686, $9^h\ 32^m\ 45^s$.

March	25	+39 35 16.06

o LEONIS, $9^h\ 33^m\ 40^s$.

March	13	+10 31 37.34
	18	37.29

ψ LEONIS, $9^h\ 36^m\ 6^s$.

March	29	+14 39 36.10
April	21	35.80

(*), $9^h\ 39^m\ 45^s$.

March	18	+12 4 27.04

B. A. C. 3345, $9^h\ 40^m\ 1^s$.

March	18	+12 4 34.07
	23	34.10

WEISSE IX, 871, $9^h\ 40^m\ 11^s$.

April	24	+11 1 51.64

ϕ URSÆ MAJORIS, $9^h\ 42^m\ 33^s$.

March	29	+54 42 57.55
April	21	57.21

B. A. C. 3367, $9^h\ 43^m\ 56^s$.

April	24	−35 37 1.07

(*), $9^h\ 44^m\ 39^s$.

April	24	−35 36 35.55

ν LEONIS, $9^h\ 50^m\ 41^s$.

1858.		° ′ ″
March	13	+13 6 38.62
	17	37.78
	23	38.86

(*), $9^h\ 56^m\ 6^s$.

April	24	+13 33 16.12

WEISSE IX, 1204, $9^h\ 56^m\ 17^s$.

March	18	+12 47 50.07

WEISSE (2) IX, 1230, $9^h\ 57^m\ 39^s$.

March	13	+17 8 38.83
	17	38.38

B. A. C. 3468, $10^h\ 2^m\ 54^s$.

March	18	+38 5 22.96
April	9	23.37

32 URSÆ MAJORIS, $10^h\ 7^m\ 50^s$.

March	17	+65 48 16.97
	25	16.33

λ URSÆ MAJORIS, $10^h\ 8^m\ 39^s$.

April	21	+43 36 41.92

RUMKER 3113, $10^h\ 8^m\ 41^s$.

April	16	+12 21 50.25

WEISSE (2) X, 197, $10^h\ 10^m\ 7^s$.

March	18	+38 12 25.54

γ^1 LEONIS, $10^h\ 12^m\ 15^s$.

March	13	+20 32 53.55
	17	52.88
	25	53.32

μ URSÆ MAJORIS, $10^h\ 13^m\ 59^s$.

April	21	+42 11 46.93

WEISSE X, 234, $10^h\ 14^m\ 26^s$.

March	30	+11 24 16.14

WEISSE X, 288, $10^h\ 17^m\ 39^s$.

April	9	+10 41 28.60

WEISSE X, 316, $10^h\ 19^m\ 0^s$.

April	16	+11 12 53.73

(*), $10^h\ 21^m\ 27^s$.

March	23	− 7 34 27.01

36 URSÆ MAJORIS, $10^h\ 21^m\ 38^s$.

March	18	+56 41 49.17
	29	47.99

Hosted by Google

WEISSE X, 377, $10^h\ 21^m\ 58^s$.

1858.		° ′ ″
March	13	+11 14 27.19
	17	27.65

ρ LEONIS, $10^h\ 25^m\ 26^s$.

March	25	+10 1 30.92
	29	31.68

37 URSÆ MAJORIS, $10^h\ 26^m\ 6^s$.

April	9	+57 48 6.63
	21	6.34

(*), $10^h\ 27^m\ 20^s$.

March	30	− 9 10 41.12

48 LEONIS, $10^h\ 27^m\ 29^s$.

April	24	+ 7 40 22.41

WEISSE X, 526, $10^h\ 30^m\ 18^s$.

March	23	− 9 6 24.16

WEISSE (2) X, 642, $10^h\ 32^m\ 6^s$.

March	13	+36 13 15.29

38 URSÆ MAJORIS, $10^h\ 32^m\ 21^s$.

April	21	+66 26 52.92
	24	53.62

WEISSE (2) X, 696, $10^h\ 34^m\ 36^s$.

March	18	+36 6 33.46
	29	32.85

WEISSE X, 618, $10^h\ 34^m\ 54^s$.

March	25	+11 5 12.54
	30	12.46

34 SEXTANTIS, $10^h\ 35^m\ 24^s$.

May	12	+ 4 18 48.39

WEISSE X, 656, $10^h\ 37^m\ 5^s$.

March	25	+11 6 33.56
	30	33.51

κ LEONIS, $10^h\ 39^m\ 0^s$.

March	23	+14 55 57.11
April	24	56.29

42 URSÆ MAJORIS, $10^h\ 42^m\ 34^s$.

April	21	+60 3 42.15
May	12	43.20

WEISSE X, 822, $10^h\ 45^m\ 30^s$.

March	18	+12 1 50.61

WEISSE X, 837, $10^h\ 46^m$.

March	18	+12 3 19.04

d LEONIS, $10^h\ 53^m\ 20^s$.

1858.		° ′ ″
March	18	+ 4 22 7.21
	25	5.75
April	21	6.37
	24	5.92

(*), $10^h\ 55^m\ 0^s$.

April	16	+ 9 21 36.75

WEISSE X, 1006, $10^h\ 56^m\ 21^s$.

April	27	+ 9 28 58.97

χ LEONIS, $10^h\ 57^m\ 47^s$.

April	24	+ 8 5 31.57
May	12	31.03

ψ URSÆ MAJORIS, $11^h\ 1^m\ 47^s$.

March	18	+45 15 26.58
April	9	26.52

WEISSE XI, 61, $11^h\ 5^m\ 20^s$.

March	30	+10 37 32.22
April	24	32.79

p^3 LEONIS, $11^h\ 6^m\ 35^s$.

April	21	+ 0 41 29.20
May	12	28.90

δ LEONIS, $11^h\ 6^m\ 39^s$.

March	25	+21 17 23.76
April	16	24.35

δ CRATERIS, $11^h\ 12^m\ 21^s$.

March	25	−14 1 17.90
April	24	18.22

WEISSE XI, 221, $11^h\ 13^m\ 48^s$.

March	30	+ 7 49 56.69
April	9	57.35

σ LEONIS, $11^h\ 13^m\ 55^s$.

March	18	+ 6 47 45.94
April	21	45.73

WEISSE XI, 233, $11^h\ 14^m\ 21^s$.

April	16	+ 4 58 29.59

WEISSE XI, 235, $11^h\ 14^m\ 30^s$.

April	27	+ 9 56 8.31

B. A. C. 3892, $11^h\ 19^m\ 3^s$.

April	9	+ 9 25 45.50

WEISSE (2) 344, $11^h\ 19^m\ 4^s$.

April	27	+21 17 24.38

τ LEONIS, $11^h\ 20^m\ 44^s$.

1858.		° ′ ″
March	18	+ 3 37 36.44
April	21	36.58

λ DRACONIS, $11^h\ 23^m\ 3^s$.

April	24	+70 6 9.56

e LEONIS, $11^h\ 23^m\ 10^s$.

March	25	− 2 13 54.19
	31	55.21

WEISSE (2) 526, $11^h\ 28^m\ 30^s$.

March	30	+20 52 41.62

B. A. C. 3937, $11^h\ 28^m\ 55^s$.

April	9	+28 33 16.18
	16	15.95

υ LEONIS, $11^h\ 29^m\ 47^s$.

March	18	− 0 3 3.50
	25	4.03
April	24	4.23
May	12	3.48

59 URSÆ MAJORIS, $11^h\ 30^m\ 52^s$.

April	3	+44 24 4.55
	21	5.74

WEISSE (2) XI, 592, $11^h\ 31^m\ 10^s$.

March	30	+20 52 30.72

WEISSE (2) XI, 600, $11^h\ 31^m\ 24^s$.

April	16	+24 6 15.84

χ URSÆ MAJORIS, $11^h\ 38^m\ 39^s$.

March	25	+48 33 20.13
	31	20.26

ν VIRGINIS, $11^h\ 38^m\ 40^s$.

April	21	+ 7 18 50.38
May	12	49.51

WEISSE (2) XI, 816, $11^h\ 41^m\ 50^s$.

March	30	+16 54 35.06

β LEONIS, $11^h\ 41^m\ 55^s$.

April	9	+15 21 15.79
	16	15.92

β VIRGINIS, $11^h\ 43^m\ 24^s$.

April	21	+ 2 33 14.42
May	12	13.80

γ URSÆ MAJORIS, $11^h\ 46^m\ 27^s$.

1858.		° ′ ″
April	27	+54 28 22.54

b VIRGINIS, $11^h\ 52^m\ 46^s$.

March	18	+ 4 26 4.91
	30	5.17

π VIRGINIS, $11^h\ 53^m\ 43^s$.

April	9	+ 7 23 41.88
	16	41.93

67 URSÆ MAJORIS, $11^h\ 55^m\ 0^s$.

April	21	+43 49 20.69
	27	19.39
May	12	20.15

WEISSE XII, 16, $12^h\ 2^m\ 33^s$.

March	30	+ 8 57 29.78
April	16	31.97

ε CORVI, $12^h\ 2^m\ 56^s$.

March	18	−21 50 27.37
April	21	27.42
	27	27.99
May	12	28.33
June	2	27.96

? WEISSE XII, 49, $12^h\ 4^m\ 22^s$.

March	25	+ 8 8 56.43
April	3	56.05

δ URSÆ MAJORIS, $12^h\ 8^m\ 29^s$.

April	9	+57 48 37.65
	16	37.25

WEISSE XII, 144, $12^h\ 10^m\ 14^s$.

March	30	+ 7 22 50.32
April	3	49.96

η VIRGINIS, $12^h\ 12^m\ 45^s$.

April	21	+ 0 6 41.36
	27	40.89
May	12	40.45
	13	41.07
June	2	40.58

WEISSE XII, 193, $12^h\ 12^m\ 47^s$.

March	18	+ 6 26 53.78
	25	53.35

B. A. C. 4168, $12^h\ 15^m\ 25^s$.

March	30	+ 6 5 2.88
April	3	2.59

WEISSE XII, 291, $12^h\ 18^m\ 40^s$.

April	9	− 4 5 6.09
	16	5.51

Hosted by Google

73 Ursæ Majoris, $12^h\ 20^m\ 56^s$.

1858.		° ′ ″
April	21	+56 29 17.84
	27	17.50
June	2	18.52

Weisse XII, 402, $12^h\ 24^m\ 26^s$.

March	25	− 4 16 49.30
	30	48.82

Weisse XII, 409, $12^h\ 24^m\ 44^s$.

May	12	+ 6 29 0.65

Weisse XII, 416, $12^h\ 25^m\ 13^s$.

May	12	+ 6 28 31.10

Weisse XII, 433, $12^h\ 25^m\ 29^s$.

May	13	+ 3 41 4.49

κ Draconis, $12^h\ 27^m\ 29^s$.

April	9	+70 33 38.38
	16	36.63

Weisse XII, 516, $12^h\ 31^m\ 28^s$.

March	25	− 4 33 10.67
April	3	11.54

Weisse XII, 525, $12^h\ 31^m\ 58^s$.

May	12	+14 38 18.95

Weisse XII, 564, $12^h\ 34^m\ 23^s$.

May	13	+ 2 45 58.97

Weisse XII, 579, $12^h\ 35^m\ 1^s$.

April	3	− 4 50 7.37
	9	6.62

Weisse XII, 583, $12^h\ 35^m\ 15^s$.

April	16	+ 2 23 8.88

Weisse XII, 584, $12^h\ 35^m\ 20^s$.

April	27	+ 2 5 57.00

Weisse XII, 585, $12^h\ 35^m\ 23^s$.

March	25	− 4 41 51.78
	30	52.15

(*), $12^h\ 44^m\ 41^s$.

March	25	+ 0 57 16.81

Weisse XII, 757, $12^h\ 44^m\ 41^s$.

March	25	+ 0 50 52.39

Weisse XII, 764, $12^h\ 45^m\ 17^s$.

May	12	+ 0 59 28.88

38 Virginis, $12^h\ 46^m\ 2^s$.

1858.		° ′ ″
April	9	− 2 47 29.28
	16	28.19

ψ Virginis, $12^h\ 47^m\ 4^s$.

June	2	− 8 46 40.67
	7	40.58

Weisse XII, 820, $12^h\ 48^m\ 30^s$.

April	16	− 2 47 29.35

α Canum Venaticorum, $12^h\ 49^m\ 27^s$.

April	3	+39 4 29.29
	27	30.34
May	22	29.94

B. A. C. 4345, $12^h\ 49^m\ 28^s$.

April	3	+39 4 15.76
	27	17.04
May	22	16.86

Weisse XII, 878, $12^h\ 51^m\ 49^s$.

May	12	− 1 19 22.44
	22	22.35

78 Ursæ Majoris, $12^h\ 54^m\ 44^s$.

April	3	+57 7 16.03
	9	17.91
	16	17.12
June	2	17.87

θ Virginis, $13^h\ 2^m\ 43^s$.

March	30	− 4 47 27.82
April	3	26.32
	9	26.27
	16	26.58
	21	26.47
	27	26.90
May	12	27.69

Weisse XIII, 268, $13^h\ 17^m\ 12^s$.

April	27	+ 0 24 60.31
May	13	59.80
	22	60.07

α Virginis, $13^h\ 17^m\ 48^s$.

June	7	−10 25 46.01

Weisse XIII, 318, $13^h\ 20^m\ 20^s$.

May	22	+ 0 21 3.71

Weisse XIII, 324, $13^h\ 20^m\ 53^s$.

May	22	+ 0 24 40.20

l^2 Virginis, $13^h\ 24^m\ 41^s$.

May	13	− 5 31 54.40
June	2	54.49

ζ Virginis, $13^h\ 27^m\ 34^s$.

1858.		° ′ ″
June	21	+ 0 7 15.64
	25	16.27

B. A. C. 4560, $13^h\ 33^m\ 32^s$.

May	13	−12 4 18.61

m Virginis, $13^h\ 34^m\ 16^s$.

April	16	− 7 59 42.01
June	2	42.79

3 Bootis, $13^h\ 40^m\ 14^s$.

June	21	+26 24 19.72
	25	20.66

Weisse (2) XIII, 854, $13^h\ 40^m\ 59^s$.

April	27	+34 0 32.34

89 Virginis, $13^h\ 42^m\ 16^s$.

April	16	−17 26 7.02
June	2	6.84

Weisse (2) XIII, 984, $13^h\ 45^m\ 36^s$.

May	13	+36 24 32.83

Weisse (2) XIII, 997, $13^h\ 46^m\ 21^s$.

May	13	+36 22 20.24

Weisse XIII, 797, $13^h\ 47^m\ 3^s$.

June	2	+10 55 33.85

i Draconis, $13^h\ 47^m\ 21^s$.

June	7	+65 24 56.29
	21	55.02

Rumker 4522, $13^h\ 49^m\ 45^s$.

April	27	+26 36 19.77

α Draconis, $14^h\ 0^m\ 36^s$.

June	7	+65 2 43.92
	21	44.06

(*), $14^h\ 2^m\ 0^s$.

May	13	+66 16 24.14
	28	23.74

B. A. C. 4700, $14^h\ 3^m\ 13^s$.

April	27	−15 38 20.17
May	22	20.14

Weisse (2) XIV, 40, $14^h\ 3^m\ 13^s$.

June	1	+23 49 7.83
	2	8.07

d Bootis, $14^h\ 4^m\ 0^s$.

June	25	+25 45 22.75

κ Virginis, $14^h\ 5^m\ 26^s$.

1858.		° ′ ″
June	7	− 9 37 13.90
	21	12.88

(*), $14^h\ 9^m\ 48^s$.

May	22	− 4 29 56.27
June	2	56.53
	10	56.36

Weisse XIV, 171, $14^h\ 10^m\ 32^s$.

June	2	− 4 29 3.07

Weisse XIV, 174, $14^h\ 10^m\ 39^s$.

May	22	− 4 29 37.09
June	2	37.09
	10	38.13

Weisse (2) XIV, 248, $14^h\ 12^m\ 0^s$.

April	27	+24 38 50.09
May	22	49.98

O. Arg. S. 13544, $14^h\ 12^m\ 37^s$.

June	1	−23 51 41.03
	2	41.54

Lalande 26210, $14^h\ 13^m\ 5^s$.

June	15	−18 41 21.57

2 Libræ, $14^h\ 15^m\ 53^s$.

June	25	−11 4 21.56
	26	22.20

θ Bootis, $14^h\ 20^m\ 26^s$.

June	7	+52 29 56.37

Weisse XIV, 422, $14^h\ 23^m\ 37^s$.

May	22	− 3 10 26.61
	28	27.70

Weisse XIV, 423, $14^h\ 23^m\ 42^s$.

May	13	− 5 10 41.44
	21	40.36

O. Arg. S. 13694, $14^h\ 23^m\ 45^s$.

June	1	−23 56 8.90
	2	10.26

ρ Bootis, $14^h\ 25^m\ 47^s$.

June	25	+30 59 14.49
	26	14.92

Weisse XIV, 503, $14^h\ 28^m\ 5^s$.

May	13	− 5 13 4.03
	21	3.27

σ Bootis, $14^h\ 28^m\ 36^s$.

June	21	+30 21 18.21

Hosted by Google

WEISSE XIV, 519, 14h 28m 54s.

1858.		° ′ ″
June	15	− 3 10 4.93
	18	6.03

RUMKER 4761, 14h 29m 25s.

June	7	+ 1 40 5.52
	10	3.55

WEISSE XIV, 606, 14h 33m 37s.

May	22	− 5 51 18.80
	28	19.53

WEISSE XIV, 608, 14h 33m 44s.

June	1	−10 45 39.02
	5	39.80

μ VIRGINIS, 14h 35m 40s.

June	25	− 5 2 50.31
	26	51.01

WEISSE XIV, 668, 14h 37m 1s.

May	13	− 5 47 36.32
	21	35.64

(*), 14h 37m 24s.

June	15	+27 7 28.74

ε BOOTIS, 14h 38m 52s.

June	19	+27 39 58.17

O. ARG. S. 13953, 14h 41m 13s.

June	18	−23 39 59.01

WEISSE XIV, 759, 14h 41m 17s.

May	22	− 6 31 14.03
	28	14.05

μ LIBRÆ, 14h 41m 38s.

June	7	−13 33 48.53
	25	48.45
	26	49.38

O. ARG. S. 13958, 14h 41m 50s.

June	18	−23 38 8.65

WEISSE XIV, 787, 14h 42m 39s.

May	22	− 6 34 49.59
	28	49.31

WEISSE XIV, 793, 14h 43m 1s.

May	13	−11 26 9.81
	21	8.41

α² LIBRÆ, 14h 43m 8s.

June	19	−15 27 28.21

ξ² LIBRÆ, 14h 49m 10s.

1858.		° ′ ″
June	25	−10 50 32.00

O. ARG. N. 15005, 14h 53m 49s.

May	22	+59 5 20.47
June	18	22.96

(*), 14h 54m 2s.

May	22	+59 5 48.94

WEISSE (2) XIV, 1183, 14h 54m 3s.

June	19	+43 53 50.25

B. A. C. 4944, 14h 54m 39s.

June	7	+ 0 24 56.27

ψ BOOTIS, 14h 58m 21s.

June	25	+27 29 43.42

δ BOOTIS, 15h 2m 21s.

May	13	+26 50 13.59
June	1	12.66

ι¹ LIBRÆ, 15h 4m 15s.

May	22	−19 15 34.17
June	21	33.49

B. A. C. 5018, 15h 6m 53s.

June	19	−27 16 49.75

3 SERPENTIS, 15h 8m 14s.

June	10	+ 5 27 40.70
	25	40.78

β LIBRÆ, 15h 9m 27s.

June	1	− 8 51 49.48
	5	49.34

δ BOOTIS, 15h 9m 51s.

June	26	+33 50 18.95

28 LIBRÆ, 15h 12m 59s.

May	13	−17 38 52.36
	21	49.56
June	21	50.58

B. A. C. 5062, 15h 14m 37s.

June	25	−26 11 4.40

(*), 15h 15m 7s.

June	15	−13 17 47.49

O. ARG. S. 14531, 15h 16m 50s.

May	28	−21 32 38.77

10 SERPENTIS, 15h 21m 34s.

1858.		° ′ ″
May	13	+ 2 19 49.27
June	1	51.64
	10	51.11

ι DRACONIS, 15h 21m 52s.

June	5	+59 27 27.07
	21	26.32

O. ARG. S. 14607, 15h 22m 38s.

June	15	−21 23 45.24

B. A. C. 5105, 15h 24m 0s.

June	26	−23 24 1.59

B. A. C. 5110, 15h 24m 48s.

June	18	−25 19 20.32
	28	19.83

(*), 15h 26m 56s.

June	28	−25 15 42.80

γ LIBRÆ, 15h 27m 42s.

May	28	−14 19 11.82
June	1	10.63

α CORONÆ BOREALIS, 15h 28m 45s.

June	25	+27 11 16.79
July	26	16.01

μ CORONÆ, 15h 30m 7s.

June	5	+39 28 36.29
	10	37.07

42 LIBRÆ, 15h 32m 0s.

June	21	−23 21 35.24
	26	36.13
	30	36.13

WEISSE XV, 637, 15h 33m 49s.

May	21	−15 6 20.40
	22	20.59

WEISSE XV, 644, 15h 34m 11s.

May	21	−15 6 51.22
	22	51.89

(*), 15h 35m 8s.

June	1	−17 14 51.18
	10	52.08
	15	53.44

(*), 15h 35m 34s.

May	28	−10 28 22.10

α SERPENTIS, 15h 37m 22s.

1858.		° ′ ″
June	21	+ 6 52 8.10
	25	7.51
July	26	6.54

WEISSE XV, 744, 15h 39m 15s.

May	21	−14 47 51.90

B. A. C. 5211, 15h 39m 31s.

June	19	−25 33 1.01
	28	0.43

B. A. C. 5220, 15h 40m 10s.

June	18	−23 23 55.01
	30	54.38

WEISSE XV, 818, 15h 43m 5s.

June	5	− 2 37 36.99

WEISSE XV, 844, 15h 44m 18s.

June	5	− 2 39 50.56

λ LIBRÆ, 15h 45m 14s.

June	21	−19 44 42.66
	26	44.12
	30	43.39

B. A. C. 5254, 15h 45m 36s.

May	28	−23 33 28.18

B. A. C. 5257, 15h 45m 50s.

June	1	−16 18 56.61
	15	55.55

B. A. C. 5258, 15h 46m 0s.

June	19	−26 55 11.40
	28	10.69

(*), 15h 46m 4s.

June	5	− 2 36 31.70
July	9	31.08

(*), 15h 46m 43s.

June	10	−10 40 19.53

B. A. C. 5264, 15h 46m 56s.

June	18	−18 57 59.98

B. A. C. 5275, 15h 48m 41s.

June	29	−27 13 48.31
July	6	48.11

B. A. C. 5278, 15h 49m 1s.

May	21	−21 4 26.37

Hosted by Google

ζ Ursæ Minoris, $15^h\ 49^m\ 8^s$.

1858.		° ′ ″
July	26	+78 13 22.89

B. A. C. 5286, $15^h\ 50^m\ 13^s$.

July	10	−24 25 28.72

π Scorpii, $15^h\ 50^m\ 23^s$.

June	26	−25 42 28.33

δ Scorpii, $15^h\ 52^m\ 3^s$.

May	28	−22 13 11.49
June	21	10.86

Weisse XV, 1011, $15^h\ 53^m\ 52^s$.

June	15	−10 52 51.64

Weisse XV, 1019, $15^h\ 54^m\ 28^s$.

June	15	−10 53 51.04

β^1 Scorpii, $15^h\ 57^m\ 18^s$.

June	1	−19 25 9.05
	30	8.78
July	9	9.35
	26	8.54

B. A. C. 5330, $15^h\ 57^m\ 18^s$.

June	1	−19 24 56.53
July	9	57.21
	26	57.00

B. A. C. 5335, $15^h\ 57^m\ 46^s$.

June	18	−23 13 17.42
July	6	16.63

O. Arg. N. 15864, $15^h\ 58^m\ 44^s$.

June	10	+70 6 46.22

(*), $15^h\ 58^m\ 47^s$.

June	10	+70 8 0.43

B. A. C. 5345, $15^h\ 59^m\ 28^s$.

June	29	−24 4 57.52
July	7	58.15

B. A. C. 5351, $15^h\ 59^m\ 50^s$.

June	5	−12 21 56.02

B. A. C. 5354, $16^h\ 0^m\ 24^s$.

July	10	−23 18 29.60

Weisse XVI, 19, $16^h\ 2^m\ 31^s$.

May	21	− 3 5 41.91

48 Serpentis, $16^h\ 5^m\ 8^s$.

June	26	+17 1 49.32

B. A. C. 5394, $16^h\ 5^m\ 21^s$.

1858.		° ′ ″
June	29	−24 3 36.56
July	7	35.88

B. A. C. 5409, $16^h\ 6^m\ 45^s$.

June	18	−26 50 55.03
	25	53.45
July	6	53.58

δ Ophiuchi, $16^h\ 7^m\ 0^s$.

June	5	− 3 19 51.63
	21	51.12

B. A. C. 5416, $16^h\ 7^m\ 16^s$.

July	15	−30 15 59.86

O. Arg. S. 15438, $16^h\ 7^m\ 18^s$.

June	1	−24 45 43.98
	15	43.46

B. A. C. 5421, $16^h\ 8^m\ 7^s$.

July	10	−29 23 27.86

B. A. C. 5430, $16^h\ 9^m\ 38^s$.

June	29	−27 41 34.25
July	9	33.82

O. Arg. S. 15490, $16^h\ 10^m\ 24^s$.

May	21	−21 14 44.15

σ Scorpii, $16^h\ 12^m\ 40^s$.

June	26	−25 15 12.53

B. A. C. 5468, $16^h\ 15^m\ 12^s$.

June	18	−31 5 38.17
July	7	37.30

ψ Ophiuchi, $16^h\ 15^m\ 55^s$.

June	5	−19 42 22.71
	21	22.57

B. A. C. 5471, $16^h\ 16^m\ 47^s$.

July	9	−31 22 36.63
	10	37.38

B. A. C. 5476, $16^h\ 17^m\ 2^s$.

July	15	−29 35 49.00

α Scorpii, $16^h\ 20^m\ 49^s$.

June	15	−26 7 3.88

22 Scorpii, $16^h\ 21^m\ 42^s$.

June	1	−24 48 12.75
	26	12.44
July	26	13.16

B. A. C. 5522, $16^h\ 24^m\ 8^s$.

1858.		° ′ ″
June	18	−31 15 1.77
	28	0.81

τ Scorpii, $16^h\ 27^m\ 10^s$.

June	18	−27 55 19.67
	26	19.15

σ Herculis, $16^h\ 29^m\ 34^s$.

June	1	+42 43 40.48
July	26	39.70

B. A. C. 5556, $16^h\ 30^m\ 28^s$.

June	28	−29 38 29.21
	29	29.68

B. A. C. 5557, $16^h\ 30^m\ 30^s$.

July	15	−30 10 57.40

42 Herculis, $16^h\ 34^m\ 57^s$.

June	1	+49 12 13.98
July	6	14.12

B. A. C. 5600, $16^h\ 35^m\ 36^s$.

July	15	−27 11 22.00

B. A. C. 5612, $16^h\ 37^m\ 56^s$.

July	7	−31 11 37.71
	9	37.68

O. Arg. S. 15923, $16^h\ 37^m\ 56^s$.

July	15	−27 13 19.46

B. A. C. 5622, $16^h\ 39^m\ 28^s$.

June	28	−30 56 56.55
	29	56.40

g Draconis, $16^h\ 40^m\ 2^s$.

June	30	+64 51 16.94
July	26	16.70

B. A. C. 5678, $16^h\ 46^m\ 10^s$.

June	29	−31 10 6.27
July	7	6.33

(*), $16^h\ 46^m\ 35^s$.

July	10	−31 6 0.08

B. A. C. 5684, $16^h\ 46^m\ 53^s$.

June	28	−31 14 21.02
July	6	21.84

B. A. C. 5690, $16^h\ 47^m\ 19^s$.

July	9	−31 4 38.62
	10	38.42

O. Arg. S. 16162, $16^h\ 50^m\ 4^s$.

1858.		° ′ ″
July	26	−26 47 45.29

κ Ophiuchi, $16^h\ 51^m\ 3^s$.

July	22	+ 9 35 43.14
August	19	43.09

O. Arg. S. 16206, $16^h\ 52^m\ 36^s$.

June	1	−27 2 20.52
	15	19.87

B. A. C. 5730, $16^h\ 55^m\ 0^s$.

June	28	−24 2 11.56
July	5	10.74
	9	11.25

O. Arg. S. 16263, $16^h\ 55^m\ 18^s$.

June	1	−27 0 41.17

B. A. C. 5739, $16^h\ 55^m\ 47^s$.

June	29	−31 9 43.62
	30	44.91

B. A. C. 5743, $16^h\ 56^m\ 0^s$.

July	7	−23 11 18.98

B. A. C. 5756, $16^h\ 57^m\ 34^s$.

July	10	−29 57 14.94

ε Ursæ Minoris, $17^h\ 0^m\ 35^s$.

August	19	+82 15 40.51

η Ophiuchi, $17^h\ 2^m\ 21^s$.

June	1	−15 32 53.97
July	26	52.82

B. A. C. 5791, $17^h\ 3^m\ 38^s$.

July	9	−25 4 40.60
	10	41.09

B. A. C. 5793, $17^h\ 3^m\ 53^s$.

June	29	−32 15 52.79
July	5	51.35

O. Arg. S. 16451, $17^h\ 3^m\ 56^s$.

July	9	−25 3 1.33
	10	2.31

B. A. C. 5796, $17^h\ 5^m\ 16^s$.

July	6	−27 37 35.14
	7	36.31

B. A. C. 5808, (1st *,) $17^h\ 6^m\ 34^s$.

June	15	−26 23 36.34

Hosted by Google

B. A. C. 5808, (2d *,) $17^h\ 6^m\ 34^s$.

1858.		° ′ ″
June	15	−26 23 33.02

B. A. C. 5809, $17^h\ 6^m\ 56^s$.

June	28	−30 2 42.15
	30	42.48

B. A. C. 5816, $17^h\ 7^m\ 52^s$.

July	24	−25 8 36.37
	26	37.42

B. A. C. 5818, $17^h\ 7^m\ 57^s$.

July	28	−30 11 25.73

α HERCULIS, $17^h\ 8^m\ 16^s$.

June	18	+14 33 9.23
July	22	9.45

B. A. C. 5848, $17^h\ 13^m\ 13^s$.

July	6	−30 21 27.09
	7	27.78

θ OPHIUCHI, $17^h\ 13^m\ 25^s$.

June	15	−24 51 20.40
	18	21.70
August	19	19.79

B. A. C. 5861, $17^h\ 15^m\ 34^s$.

June	28	−28 31 3.61
	29	3.68

(*), $17^h\ 16^m\ 30^s$.

July	7	−30 23 33.88

B. A. C. 5869, $17^h\ 16^m\ 36^s$.

July	10	−29 32 17.67
	15	16.64

B. A. C. 5878, $17^h\ 18^m\ 16^s$.

July	28	−25 48 57.90

σ OPHIUCHI, $17^h\ 19^m\ 35^s$.

July	5	+ 4 15 55.48
	26	53.51

B. A. C. 5892, $17^h\ 19^m\ 40^s$.

June	30	−31 15 43.88
July	24	43.40

(*), $17^h\ 22^m\ 32^s$.

July	9	−31 45 40.28

B. A. C. 5908, $17^h\ 22^m\ 56^s$.

July	6	−31 42 59.51
	7	60.28
	9	60.59

B. A. C. 5924, $17^h\ 25^m\ 36^s$.

1858.		° ′ ″
July	9	−31 46 14.75
August	19	14.42

B. A. C. 5925, $17^h\ 25^m\ 36^s$.

August	23	−32 28 47.90

B. A. C. 5943, $17^h\ 28^m\ 56^s$.

June	28	−28 20 48.50
	29	48.27
	30	49.09
July	7	48.23
	10	49.05

B. A. C. 5946, $17^h\ 29^m\ 26^s$.

July	24	−27 57 26.86
	28	27.10

ν^1 DRACONIS, $17^h\ 29^m\ 25^s$.

July	5	+55 16 52.61
	26	52.29

ν^2 DRACONIS, $17^h\ 29^m\ 30^s$.

July	5	+55 16 10.65
	26	10.46

B. A. C. 5952, $17^h\ 30^m\ 12^s$.

July	9	−28 19 24.56
	10	25.08

B. A. C. 5977, $17^h\ 33^m\ 56^s$.

July	6	−32 58 41.28
	9	41.97

B. A. C. 5983, $17^h\ 34^m\ 38^s$.

July	28	−30 6 19.39
August	4	20.43

B. A. C. 5989, $17^h\ 35^m\ 48^s$.

June	28	−23 36 37.80
	29	37.46

(*), $17^h\ 38^m\ 12^s$.

June	28	−23 37 27.89
	29	27.54

3 SAGITTARII, $17^h\ 38^m\ 45^s$.

August	23	−27 46 23.88

B. A. C. 6011, $17^h\ 39^m\ 10^s$.

June	30	−32 36 52.60
July	10	52.35
	26	51.97

μ HERCULIS, $17^h\ 41^m\ 2^s$.

July	7	+27 48 16.92
	22	17.03

B. A. C. 6039, $17^h\ 44^m\ 6^s$.

1858.		° ′ ″
July	9	−31 59 38.33
	10	37.91
	28	37.35

30 DRACONIS, $17^h\ 45^m\ 43^s$.

August	6	+50 48 56.95

B. A. C. 6057, $17^h\ 47^m\ 9^s$.

June	28	−32 26 18.28
	29	48.50

B. A. C. 6063, $17^h\ 47^m\ 52^s$.

July	26	−28 2 19.55
September	6	20.24

B. A. C. 6072, $17^h\ 49^m\ 48^s$.

July	15	−28 44 22.32

B. A. C. 6076, $17^h\ 50^m\ 44^s$.

June	29	−33 23 33.41
August	11	34.31

(*), $17^h\ 50^m\ 46^s$.

August	10	−15 35 13.17

(*), $17^h\ 55^m\ 20^s$.

July	10	−25 39 50.91

(*), $17^h\ 55^m\ 50^s$.

July	24	−25 39 48.49

O. ARG. S. 17576, $17^h\ 56^m\ 32^s$.

July	6	−27 50 13.76

B. A. C. 6113, $17^h\ 56^m\ 45^s$.

July	26	−29 16 48.13
	29	49.24

B. A. C. 6131, $17^h\ 59^m\ 58^s$.

June	29	−31 10 27.79
August	7	27.89

(*), $18^h\ 0^m\ 11^s$.

August	10	−27 45 19.51

B. A. C. 6132, $18^h\ 0^m\ 17^s$.

July	15	−25 29 20.40
August	9	19.42

O. ARG. S. 17695, $18^h\ 0^m\ 35^s$.

August	10	−27 45 4.80

B. A. C. 6144, $18^h\ 0^m\ 55^s$.

1858.		° ′ ″
September	6	−32 9 45.11

o HERCULIS, $18^h\ 2^m\ 4^s$.

August	19	+28 44 44.51

B. A. C. 6160, $18^h\ 3^m\ 4^s$.

June	30	−28 55 38.61
July	6	37.30

O. ARG. S. 17797, $18^h\ 3^m\ 43^s$.

July	10	−28 15 45.34
August	10	46.79

B. A. C. 6163, $18^h\ 3^m\ 49^s$.

July	10	−28 15 52.53
August	11	53.04

(*), $18^h\ 4^m\ 35^s$.

August	13	−17 26 37.06

μ^1 SAGITTARII, $18^h\ 5^m\ 25^s$.

July	5	−21 5 28.05
August	6	28.89

B. A. C. 6175, $18^h\ 6^m\ 31^s$.

July	15	−32 22 46.17
	24	45.57

B. A. C. 6179, $18^h\ 6^m\ 52^s$.

August	16	−20 45 57.14
	17	57.45
	23	57.41

B. A. C. 6181, $18^h\ 7^m\ 10^s$.

June	29	−31 11 55.49
July	7	54.27

B. A. C. 6182, $18^h\ 7^m\ 15^s$.

July	9	−31 21 38.21
August	7	38.40

(*), $18^h\ 7^m\ 33^s$.

July	26	−30 26 45.50

B. A. C. 6190, $18^h\ 8^m\ 31^s$.

September	6	−28 41 45.90

B. A. C. 6192, $18^h\ 8^m\ 39^s$.

July	28	−33 26 30.41
	29	29.86

δ SAGITTARII, $18^h\ 12^m\ 2^s$.

August	19	−29 53 59.41

Hosted by Google

δ URSÆ MINORIS, 18h 17m 30s.

1858.		° ′ ″
June	28	+86 36 6.36
	29	7.12
	30	6.08
July	6	6.51
	7	5.98
	9	7.38
	10	7.22
	15	6.50
	22	6.46
	24	6.47
	26	6.93
	27	6.91
	28	6.89
	29	7.12
August	4	6.84
	6	6.84
	7	6.58
	9	6.13
	10	6.76
	11	7.19
	13	6.64
	16	7.05
	17	7.22
	19	6.52
	20	6.98
	23	6.13
September	6	6.02

δ URSÆ MINORIS, S. P., 18h 17m 30s.

February	6	+86 36 7.24
	8	8.36
	17	7.80
March	10	8.07
	12	8.24
	24	7.08

B. A. C. 6403, 18h 41m 58s.

July	15	−31 7 6.20
August	13	6.00
	16	6.91

31 SAGITTARII, 18h 43m 44s.

July	29	−22 4 56.20

β LYRÆ, 18h 44m 55s.

July	24	+33 12 6.69

ν1 SAGITTARII, 18h 45m 43s.

August	19	−22 54 47.89
	20	47.45
	23	47.90

ν2 SAGITTARII, 18h 46m 39s.

August	20	−22 50 31.55
	23	31.73

θ1 SERPENTIS, 18h 49m 15s.

August	24	+ 4 1 28.13

θ2 SERPENTIS, , 18h 49m 16s.

August	24	+ 4 1 22.78

B. A. C. 6465, 18h 49m 46s.

July	15	−25 3 32.07

B. A. C. 6479, 18h 51m 50s.

1858.		° ′ ″
July	24	−25 7 58.98

LALANDE 35468, 18h 54m 0s.

August	17	−17 3 2.33

B. A. C. 6512, 18h 56m 56s.

July	15	−29 17 13.36
August	24	14.14

B. A. C. 6537, 19h 0m 11s.

August	19	−30 50 36.10

B. A. C. 6540, 19h 0m 17s.

September	6	−23 24 23.25

(*), 19h 0m 28s.

August	19	−30 51 44.85

B. A. C. 6554, 19h 2m 27s.

August	9	−29 43 34.67
	11	34.31
	17	33.86

B. A. C. 6565, 19h 5m 16s.

July	15	−27 6 21.62
	27	21.35

B. A. C. 6568, 19h 5m 43s.

August	23	−30 3 58.20
	24	58.17

B. A. C. 6577, 19h 7m 18s.

August	7	−30 41 58.29
	10	59.81
	13	58.32

B. A. C. 6578, 19h 7m 35s.

September	6	−25 54 20.94

53 DRACONIS, 19h m9 0s.

July	24	+56 37 17.57
	29	18.39
August	4	18.42

54 DRACONIS, 19h 11m 26s.

August	6	+57 27 52.35
	17	52.32
	19	51.91

δ DRACONIS, 19h 12m 30s.

August	16	+67 24 56.03
September	3	55.73

B. A. C. 6611, 19h 13m 7s.

August	9	−26 25 25.35
	11	25.05
	13	25.01

B. A. C. 6613, 19h 13m 12s.

1858.		° ′ ″
September	6	−29 46 54.05
	10	56.01

(*), 19h 13m 23s.

August	13	−26 26 11.33

2 SAGITTÆ, 19h 18m 4s.

July	24	+16 40 2.21
	29	3.43

δ AQUILÆ, 19h 18m 27s.

July	27	+ 2 50 19.32

3 SAGITTÆ, 19h 18m 27s.

July	24	+16 41 8.48
	29	8.49

2 CYGNI, 19h 18m 36s.

August	17	+29 20 59.01

4 VULPECULÆ, 19h 19m 19s.

August	6	+19 31 36.14

O. ARG. S. 19612, 19h 21m 10s.

August	4	−27 43 7.68
	7	6.64

O. ARG. S. 19618, 19h 21m 21s.

August	9	−27 37 56.35
	10	56.28

B. A. C. 6677, 19h 23m 20s.

August	11	−28 30 13.03
	16	12.33

B. A. C. 6682, 19h 23m 56s.

September	3	−28 17 1.46
	6	0.33
	13	0.47

β CYGNI, 19h 25m 6s.

July	27	+27 40 4.85

B. A. C. 6691, 19h 25m 8s.

July	27	+27 40 24.74

O. ARG. S. 19694, 19h 25m 25s.

September	10	−27 27 33.95

(*), 19h 29m 43s.

August	10	−27 40 10.80

O. ARG. S. 19796, 19h 29m 48s.

September	13	−28 5 55.09

O. ARG. S. 19809, 19h 30m 17s.

1858.		° ′ ″
August	4	−27 41 1.85
	7	1.05
	10	0.87

O. ARG. S. 19830, 19h 31m 19s.

September	3	−27 51 4.00
	6	2.63

O. ARG. S. 19839, 19h 31m 53s.

August	9	−27 36 52.90
	10	52.26

O. ARG. S. 19845, 19h 32m 9s.

August	11	−28 0 49.79
	16	49.54

σ DRACONIS, 19h 32m 36s.

July	24	+69 25 22.25
August	6	22.38

θ CYGNI, 19h 32m 42s.

July	27	+49 53 55.13
	29	54.57

WEISSE XIX, 875, 19h 34m 19s.

August	13	+11 36 7.91

WEISSE XIX, 886, 19h 34m 43s.

August	13	+11 37 32.60

O. ARG. S. 19901, 19h 35m 43s.

August	25	−27 58 13.76
September	20	15.01

O. ARG. S. 19908, 19h 36m 16s.

August	24	−27 8 11.36
September	21	10.82

O. ARG. S. 19915, 19h 36m 29s.

September	10	−26 56 31.14

O. ARG. S. 19916, 19h 36m 37s.

August	4	−27 43 44.96
	7	44.13

O. ARG. S. 19933, 19h 37m 42s.

August	9	−27 36 11.73
	10	11.64

O. ARG. S. 19944, 19h 38m 47s.

August	24	−27 9 51.42
September	21	52.24

O. ARG. S. 19960, 19h 39m 42s.

September	10	−27 0 1.20

Hosted by Google

(*), $19^h\ 39^m\ 50^s$.

1858.		° ′ ″
September	13	−27 26 8.24

(*), $19\ 40^m\ 23^s$.

July	29	−28 45 16.36

B. A. C. 6786, $19^h\ 41^m\ 47^s$.

August	11	−27 3 50.75
	24	50.66

O. Arg. S. 19990, $19^h\ 41^m\ 53^s$.

August	10	−27 38 2.51

O. Arg. S. 19997, $19^h\ 42^m\ 9^s$.

August	4	−27 41 57.64
	7	57.25

O. Arg. S. 19998, $19^h\ 42^m\ 10^s$.

August	16	−26 31 7.64

O. Arg. S. 20002, $19^h\ 42^m\ 20^s$.

September	10	−26 59 16.41

B. A. C. 6792, $19^h\ 42^m\ 32^s$.

September	3	−27 49 20.34
	6	20.96

B. A. C. 6795, $19^h\ 43^m\ 5^s$.

September	13	−27 26 3.21

α Aquilæ, $19^h\ 43^m\ 57^s$.

July	27	+ 8 30 5.92
August	6	6.22

O. Arg. S. 20022, $19^h\ 44^m\ 6^s$.

August	24	−27 11 35.74

O. Arg. S. 20039, $19^h\ 44^m\ 49^s$.

August	19	−27 18 0.02

O. Arg. S. 20046, $19^h\ 45^m\ 24^s$.

August	13	−27 50 57.33
September	6	57.13

O. Arg. S. 20049, $19^h\ 45^m\ 47^s$.

September	20	−27 3 19.10

O. Arg. S. 20051, $19^h\ 45^m\ 50^s$.

September	10	−26 56 9.46

O. Arg. S. 20053, $19^h\ 45^m\ 53^s$.

August	4	−27 42 52.09
	7	51.15

O. Arg. S. 20058, $19^h\ 46^m\ 32^s$.

1858.		° ′ ″
September	13	−27 28 16.54

(*), $19^h\ 47^m\ 44^s$.

August	24	−27 4 16.10

O. Arg. S. 20078, $19^h\ 47^m\ 59^s$.

August	25	−27 59 20.66

β Aquilæ, $19^h\ 48^m\ 26^s$.

August	31	+ 6 3 35.53

O. Arg. S. 20090, $19^h\ 48^m\ 45^s$.

August	16	−26 35 19.81

O. Arg. S. 20100, $19^h\ 48^m\ 59^s$.

September	6	−27 53 12.87

O. Arg. S. 20118, $19^h\ 50^m\ 26^s$.

August	11	−26 34 17.35
	16	17.08

O. Arg. S. 20123, $19^h\ 50^m\ 33^s$.

August	10	−27 37 12.39

B. A. C. 6854, $19^h\ 51^m\ 55^s$.

July	24	−28 57 54.82
	27	55.66
	29	55.58

B. A. C. 6869, $19^h\ 53^m\ 28^s$.

July	15	+64 20 57.20

O. Arg. S. 20157, $19^h\ 53^m\ 32^s$.

August	19	−28 22 48.02
	25	48.06

O. Arg. S. 20167, $19^h\ 54^m\ 4^s$.

September	20	−28 5 44.98
	21	45.21

O. Arg. S. 20186, $19^h\ 55^m\ 32^s$.

August	4	−28 24 30.91
	7	29.85
	25	31.52

O. Arg. S. 20192, $19^h\ 55^m\ 47^s$.

August	13	−26 42 59.49

O. Arg. S. 20234, $19^h\ 58^m\ 21^s$.

August	10	−27 37 15.26

λ Ursæ Minoris, $20^h\ 3^m\ 53^s$.

1858.		° ′ ″
July	15	+88 53 24.54
	24	24.75
	27	25.75
	29	25.47
August	4	25.57
	6	25.16
	7	24.62
	10	24.37
	11	25.32
	13	24.58
	16	25.47
	17	26.42
	19	24.89
	23	24.96
	24	25.53
	25	25.46
	31	25.58
September	6	25.91
	10	26.29
	13	25.72
	17	25.44
	20	25.83
	21	26.74
	22	25.27

λ Ursæ Minoris, S. P., $20^h\ 3^m\ 53^s$.

February	25	+88 53 24.31
	27	25.00
March	10	23.29
	12	24.78
	13	23.93
	18	23.98
	24	24.87
	29	24.71
	31	23.80

B. A. C. 6982, $20^h\ 11^m\ 24^s$.

September	20	−25 39 28.75
	21	29.21

O. Arg. S. 20406, $20^h\ 12^m\ 8^s$.

September	20	−25 38 50.72
	21	49.87

(*), $20^h\ 14^m\ 49^s$.

August	13	−24 56 17.06

O. Arg. S. 20458, $20^h\ 15^m\ 34^s$.

August	25	−24 36 35.41
	31	33.55

O. Arg. S. 20465, $20^h\ 16^m\ 3^s$.

August	11	−23 55 23.12
	16	24.27
	23	21.68

O. Arg. S. 20468, $20^h\ 16^m\ 16^s$.

September	6	−24 58 42.93
	17	42.69

O. Arg. S. 20470, $20^h\ 16^m\ 23^s$.

August	10	−24 42 14.77
	24	15.35

O. Arg. S. 20474, $20^h\ 16^m\ 31^s$.

September	6	−24 59 27.76
	17	30.17

(*), $20^h\ 16^m\ 53^s$.

1858.		° ′ ″
August	7	−23 37 56.33

O. Arg. S. 20482, $20^h\ 17^m\ 5^s$.

August	11	−23 55 52.06
	16	52.75

ρ Capricorni, $20^h\ 20^m\ 52^s$.

August	4	−18 16 25.39

O. Arg. S. 20576, $20^h\ 23^m\ 50^s$.

August	24	−29 4 17.65

B. A. C. 7071, $20^h\ 24^m\ 9^s$.

August	24	−29 3 56.87

B. A. C. 7108, $20^h\ 29^m\ 32^s$.

August	7	−25 35 37.79
	10	36.38
	13	37.04

B. A. C. 7128, $20^h\ 31^m\ 51^s$.

September	3	−24 16 57.55

O. Arg. S. 20762, $20^h\ 34^m\ 56^s$.

August	24	−19 59 6.38

α Cygni, $20^h\ 36^m\ 40^s$.

September	22	+44 46 53.08

O. Arg. S. 20839, $20^h\ 38^m\ 37^s$.

August	24	−19 56 45.27
September	10	46.05

(*), $20^h\ 43^m\ 25^s$.

September	20	−21 32 47.10

32 Vulpeculæ, $20^h\ 48^m\ 36^s$.

August	4	+27 31 36.12
	11	36.29
	16	36.11
	25	36.77
	31	37.74
September	3	36.54
	6	36.95
	10	36.86
	13	37.09
	27	36.98

Lalande 40494, $20^h\ 49^m\ 15^s$.

September	20	+36 32 31.25

(*), $20^h\ 50^m\ 55^s$.

August	24	−31 2 58.76

Hosted by Google

61¹ Cygni, 21h 0m 34s.

1858.		° ′ ″
August	4	+38 3 46.64
	7	46.03
	10	46.75
	11	47.15
	13	46.19
	16	46.62
	24	47.15
	25	47.08
	31	46.61
September	3	45.74
	6	46.14
	10	46.22
	13	45.76
	17	46.26
	20	46.07
	21	45.73
	27	46.36

61² Cygni, 21h 0m 34s.

August	4	+38 3 41.46
	7	41.13
	10	41.57
	11	41.67
	13	40.35
	16	41.24
	24	42.00
	25	41.81
	31	41.47
September	3	40.95
	6	40.77
	10	40.85
	13	40.23
	17	40.95
	20	40.84
	21	40.43
	27	40.43

ζ Cygni, 21h 6m 58s.

August	25	+29 38 15.75
September	17	16.77
	22	16.78
	30	16.29

Lalande 41341, 21h 9m 59s.

September	13	+36 40 16.31
	20	16.81
	21	16.82

α Cephei, 21h 15m 14s.

October	19	+61 59 35.65

70 Cygni, 21h 21m 39s.

September	13	+36 30 35.21
	17	35.71
	20	35.83
	21	35.50

β Aquarii, 21h 24m 11s.

September	30	−6 11 4.61

ε Pegasi, 21h 37m 18s.

September	22	+9 14 5.74
	27	4.59
October	19	5.65
	23	5.58

B. A. C. 7568, 21h 37m 53s.

September	17	+28 6 42.83
	20	41.61

B. A. C. 7569, 21h 37m 53s.

September	17	+28 6 40.39
	20	39.50

δ Capricorni, 21h 39m 18s.

October	20	−16 45 38.77

μ Capricorni, 21h 45m 39s.

1858.		° ′ ″
October	20	−14 12 32.99

16 Pegasi, 21h 46m 42s.

September	23	+25 16 6.29
	30	4.56
October	19	4.10

B. A. C. 7652, 21h 51m 27s.

September	17	−23 32 21.98

O. Arg. S. 21800, 21h 53m 10s.

September	20	−21 0 48.05

α Aquarii, 21h 58m 35s.

October	19	−0 59 54.89
	23	53.21

ι Aquarii, 21h 58m 52s.

October	20	−14 32 51.26

Lalande 43320, 22h 5m 7s.

September	17	+36 36 18.43
	27	17.51

θ Aquarii, 22h 9m 27s.

September	20	−8 28 45.08
	30	44.86
October	19	44.34
	20	45.03
	23	44.03

Lalande 43630, 22h 14m 20s.

September	17	+36 35 46.05
	27	44.59

(*), 22h 15m 12s.

September	17	+36 34 32.03
	27	30.49

B. A. C. 7836, 22h 22m 47s.

October	19	−15 18 0.71

σ Aquarii, 22h 23m 14s.

October	27	−11 23 34.63

η Aquarii, 22h 28m 10s.

September	23	−0 50 14.30
	30	16.56
October	23	16.39

Lalande 44319, 22h 32m 44s.

September	20	+36 38 53.15
	27	52.08

Lalande 44340, 22h 33m 53s.

September	20	+36 37 33.38
	27	32.17

ζ Pegasi, 22h 34m 29s.

October	19	+10 6 4.22
	27	5.21

Lalande 44642, 22h 42m 0s.

September	20	+36 40 51.59
	27	50.29

τ² Aquarii, 22h 42m 10s.

October	20	−14 19 50.41
	26	47.91
	27	49.76

δ Aquarii, 22h 47m 14s.

October	20	−16 33 53.03
	27	51.83

α Piscis Australis, 22h 49m 54s.

1858.		° ′ ″
September	20	−30 21 47.94
	22	50.03
	27	49.02
	30	47.15
October	19	47.97
	23	47.41

82 Aquarii, 22h 55m 16s.

September	29	−7 19 30.55

α Pegasi, 22h 57m 46s.

October	20	+14 27 8.54
November	18	8.63

Weisse XXII, 1232, 22h 58m 33s.

October	26	−11 11 29.94

φ Aquarii, 23h 7m 4s.

September	29	−6 48 12.52
October	20	11.98

γ Piscium, 23h 9m 54s.

September	22	+2 31 6.73
October	19	4.85
December	17	(3.44)

ψ³ Aquarii, 23h 11m 40s.

October	20	−10 22 32.46

B. A. C. 8127, 23h 13m 12s.

October	26	+4 37 5.41
November	18	3.85

κ Piscium, 23h 19m 46s.

September	29	+0 29 21.11
October	15	23.74
	19	22.01
	23	22.99
December	17	21.48

Weisse XXIII, 423, 23h 21m 37s.

October	9	−10 52 17.66

Weisse XXIII, 476, 23h 24m 12s.

September	20	−5 1 21.54

Santini 1636, 23h 25m 4s.

October	26	+6 18 53.64

16 Piscium, 23h 29m 15s.

September	29	+1 19 30.63
October	27	32.31

ι Piscium, 23h 32m 45s.

January	1	+4 52 3.83
October	19	3.30
	23	4.18
November	18	3.28

Weisse XXIII, 683, 23h 33m 30s.

September	27	+7 9 57.92

Weisse XXIII, 685, 23h 33m 33s.

September	20	+7 9 51.90
	27	51.38

Weisse XXIII, 705, 23h 34m 33s.

October	15	+7 25 40.99

Weisse XXIII, 710, 23h 34m 48s.

October	27	+6 28 32.85
December	17	32.66

λ Piscium, 23h 34m 54s.

October	20	+1 0 34.33

(*), 23h 36m 50s.

December	17	+6 28 24.64

Weisse XXIII, 764, 23h 37m 40s.

September	29	+6 24 54.23
October	15	54.95

Weisse XXIII, 817, 23h 40m 31s.

October	26	−1 32 18.93

Weisse XXIII, 828, 23h 40m 58s.

September	20	+9 22 11.69
	27	11.44

Weisse XXIII, 831, 23h 41m 5s.

October	15	+6 23 10.72
	20	11.86

δ Sculptoris, 23h 41m 37s.

November	18	−28 54 17.03

Weisse XXIII, 870, 23h 43m 0s.

October	27	+6 16 9.26

B. A. C. 8300, 23h 45m 30s.

December	17	+10 10 6.01

Weisse XXIII, 932, 23h 45m 59s.

September	29	+5 55 12.79

Santini 1664, 23h 47m.

October	9	+7 26 40.60

B. A. C. 8314, 23h 48m 4s.

January	1	+73 37 54.36

Weisse XXIII, 1030, 23h 50m 55s.

September	20	+10 41 43.12
	27	42.81

27 Piscium, 23h 51m 30s.

October	20	−4 19 58.99

ω Piscium, 23h 52m 7s.

September	29	+6 5 16.19
October	15	17.82

B. A. C. 8353, 23h 55m 13s.

October	26	+8 10 39.54
November	18	38.01

Weisse XXIII, 1195, 23h 58m 20s.

October	27	−10 23 38.24
November	19	37.80

Weisse XXIII, 1201, 23h 58m 38s.

September	20	+12 5 43.07
	27	42.15
October	15	41.79

Weisse XXIII, 1212, 23h 59m 20s.

September	20	+12 3 6.47
	27	4.63
October	15	5.40

Weisse XXIII, 1217, 23h 59m 41s.

September	27	+12 3 17.35

Hosted by Google

OBSERVATIONS WITH THE MURAL CIRCLE

FOR

1853, 1855, 1856, 1857, AND 1858.

Date.		Mean Time.	Limb.	Declination of Center.	C—O	Vertical Semi-diameter.	C—O
				SUN.			
1853.		m. s.		° ′ ″	″	° ″	″
January	10	+ 7 56.8	.	− 21 53 50.87	+ 2.8	16 21.15	− 3.15
	17	10 30.8	.	20 39 26.40	3.6	19.53	2.03
	21	11 43.1	.	19 48 11.70	3.1	20.68	3.48
February	11	14 33.6	.	13 52 10.61	0.5	15.68	1.68
	12	14 32.9	.	13 32 13.41	1.2	14.37	0.57
	25	13 18.5	..	8 55 13.71	+ 3.7	11.98	0.98
March	3	12 9.3	.	6 38 53.41	− 0.4	14.41	4.91
	10	10 28.3	.	3 55 42.47	1.9	9.30	1.60
	16	8 48.4	.	1 33 55.76	− 0.6	8.67	2.57
	19	7 55.1	.	− 0 22 51.79	+ 1.7	7.38	2.08
	29	+ 4 50.4	.	+ 3 32 38.85	+ 2.7	16 4.10	− 1.50
				MOON.			
1853.		h. m.		° ′ ″	″	″	″
March	19	7 49.7	.	+ 23 58 2.31	+ 2.4		
April	20	9 57.4	.	+ 6 14 41.29	− 1.4		
				MERCURY.			
January	6	22 25.9	.	− 21 16 38.78	+ 0.7	5.13	− 1.7
	9	22 26.5	.	21 49 59.83	0.0	4.68	1.5
	20	22 42.1	.	23 6 58.39	− 3.7	4.79	2.1
	27	22 57.9	.	− 22 51 34.28	− 2.9	4.19	− 1.7
				VENUS.			
January	6	21 54.4	.	− 21 32 33.66	− 0.8	8.39	− 2.3
	9	21 58.5	.	21 59 28.87	1.0	7.85	1.9
	16	22 8.4	.	22 39 33.28	1.0	8.97	3.1
	20	22 14.1	.	22 47 36.08	3.0	8.04	2.2
	27	22 24.3	.	22 35 14.66	1.5	9.02	3.3
	28	22 25.7	.	22 30 44.15	0.8	6.49	0.9
February	9	22 42.1	.	20 44 18.81	2.1	6.99	1.6
	10	22 43.4	.	20 31 17.27	− 2.1	7.18	1.8
March	2	23 5.3	.	14 16 8.87	+ 0.5	8.24	2.7
	9	23 11.3	.	11 23 1.08	− 0.6	7.37	2.3
	15	23 15.8	.	8 42 33.41	+ 1.4	6.69	1.7
	18	23 17.9	.	− 7 18 58.83	− 0.4	8.24	− 3.2

Hosted by Google

Date.	Mean Time.	Limb.	Declination of Center.	C—O	Vertical Semi-diameter.	C—O
	NEPTUNE.					
1853.	h. m.		° ′ ″	″	′ ″	″
September 13	11 24.1	.	− 7 57 1.52	+ 3.2		
19	10 59.9	.	8 0 41.51	2.7		
23	10 43.8	.	8 3 4.65	3.6		
24	10 39.8	.	8 3 38.91	2.9		
October 8	9 43.4	.	8 11 6.91	2.7		
14	9 19.3	.	8 13 49.70	1.5		
15	9 15.3	.	8 14 16.16	2.6		
November 14	7 16.1	.	− 8 21 52.64	+ 0.6		
	CERES.					
May 9	11 16.3	.	− 3 0 29.23	− 66.9		
11	11 6.6	.	− 3 0 53.27	− 66.1		
	PALLAS.					
May 9	11 3.1	.	+ 24 30 14.48	− 21.9		
11	10 53.9	.	+ 24 39 41.06	− 20.1		
	IRIS.					
April 22	9 28.3	.	− 5 5 29.19			
26	9 10.0	.	4 45 3.34			
27	9 6.9	.	− 4 40 14.07			
	FLORA.					
August 10	11 0.8	.	− 23 25 25.74	− 0.1		
11	10 56.0	.	− 23 31 32.28	+ 1.3		
	VICTORIA.					
April 21	12 22.5	.	− 19 41 1.87	+ 52.0		
27	11 54.5	.	18 47 19.67	49.2		
May 2	11 30.4	.	17 59 1.10	48.9		
11	10 56.3	.	− 16 28 13.14	+ 49.3		
	EUTERPE.					
December 13	9 22	.	+ 14 50 36.80			
20	8 52	.	14 54 55.12			
24	8 36	.	15 1 0.53			
27	8 24	.	+ 15 7 9.57			

Hosted by Google

Date.	Mean Time.	Limb.	Declination of Center.	C—O	Vertical Semi-diameter.	C—O
			EGERIA.			
1853.	h. m.		° ′ ″	″	′ ″	″
June 4	14 11.2	.	— 41 16 8.87			
August 6	9 1.2	.	— 41 16 13.75			
			METIS.			
October 6	12 10.2	.	— 1 13 19.71	— 2.6		
8	12 0.4	.	— 2 21 25.61	— 1.8		
			JUPITER.			
1855. September 24	9 33.3	. .	— 14 47 32.32	+ 0.1		
			VESTA.			
September 1	10 42.7	.	— 24 0 28.32	+ 23.0		
7	10 14.9	.	20 38.43	19.8		
8	10 10.4	.	23 15.41	20.3		
10	10 1.5	.	27 48.10	19.8		
11	9 57.1	.	29 44.29	19.1		
12	9 52.7	.	31 28.60	18.2		
17	9 31.2	.	36 59.88	16.8		
28	9 47.7	.	31 55.72	15.1		
29	9 43.8	.	— 24 30 23.09	+ 14.5		
			HEBE.			
September 7	10 49.8	.	— 20 58 27.69			
8	10 45.3	.	21 10 54.48			
10	10 36.3	.	21 34 53.31			
11	10 31.9	.	21 46 24.80			
12	10 27.5	.	— 21 57 39.70			
			IRENE.			
April 27	12 7.2	.	— 1 4 52.41			
			PSYCHE.			
December 6	10 55.4	. .	+ 15 29 42.83			

Hosted by Google

Date.	Mean Time.	Limb.	Declination of Center.	C—O	Vertical Semi-diameter.	C—O
			JUNO.			
1858.	h. m.		° ′ ″	″	′ ″	″
March 29	8 0.8	.	+ 11 46 25.71	— 0.80		
31	7 54.0	.	+ 11 56 33.01	+ 7.94		
			CERES.			
June 1	12 34.4	.	— 21 52 12.69	— 0.08		
18	11 11.3	.	22 31 38.07	+ 0.11		
26	10 33.0	.	— 22 48 39.29	— 0.64		
			PALLAS.			
June 10	11 18.7	.	+ 26 10 47.19	+ 0.51		
15	10 53.2	.	+ 26 1 16.32	— 3.02		
			FLORA.			
February 25	8 41.5	.	+ 25 4 22.69			
27	8 34.0	.	25 7 17.37			
March 10	7 55.1	.	25 16 37.01			
12	7 47.5	.	+ 25 17 8.94			
			EUTERPE.			
March 17	9 33.0	.	+ 12 23 56.60			

Hosted by Google